697.2
Smith

CATALOGUE

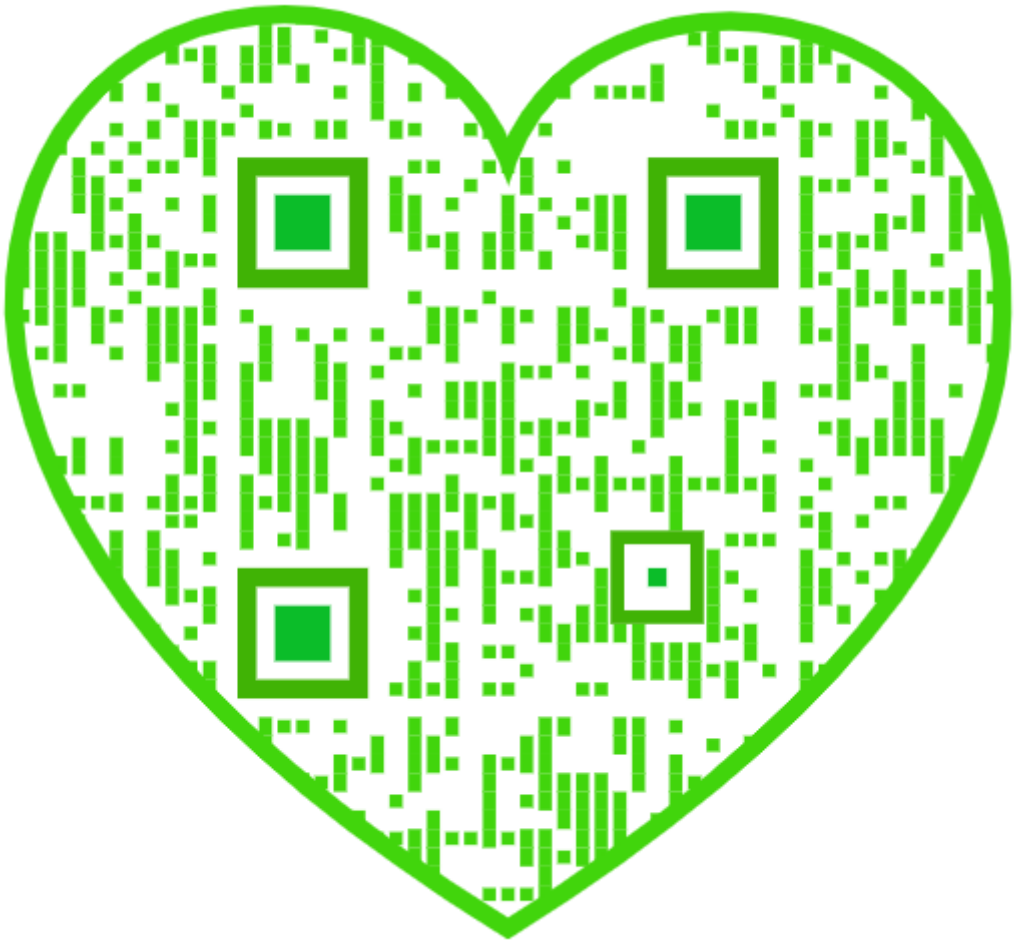
SMITH & ANTHONY

COMPANY.

Hub Stoves, Ranges and Furnaces.

BOSTON.

NEW YORK. CHICAGO.



FRANKLIN INSTITUTE LIBRARY,
PHILADELPHIA,

Class..... Book..... Accession.....

From Smith & Anthony Co.

REFERENCE,

29 D 96

CATALOGUE

1894-5

Smith & Anthony Co.

48 to 54 Union Street,

BOSTON, MASS.

Iron and Brass Foundries, Wakefield, Mass.

WM. E. SMITH, PRESIDENT.

E. W. ANTHONY, TREASURER. J. R. PRESCOTT, SECRETARY.

AGENCIES: { 56 Beekman St., New York.
217 Lake St., Chicago.

WHOLESALE AGENTS.

J. De La MONTANYA, Agent for the Pacific Coast, San Francisco, Cal.

HARRY HUNT, 12 New Oxford Street, London, England.

MANUFACTURED IN CANADA BY

WINDSOR FOUNDRY CO., Windsor, N. S.

THE HUB

Ranges, Heaters and Furnaces.

Are too widely known to require any special introduction. Their careful construction, numerous selling points, and important practical features, have gained for them an enviable reputation and generous patronage.

It is our aim to continue the progressive policy which has characterized the Company since its organization in 1879, and signalized each year by new advances.

Recent additions to our line, and alterations in former patterns, have made exceptionally complete the series of goods so long known under the name and trade mark of "HUB."

The Following Departments Indicate our Special Lines:

Ranges and Parlor Stoves,

HOT AIR FURNACES,

Hot Water Heaters, Steam Heaters, Steam Hot Blast Heaters.

FIREPLACE FIXTURES.

Hotel and Restaurant Cooking Apparatus,

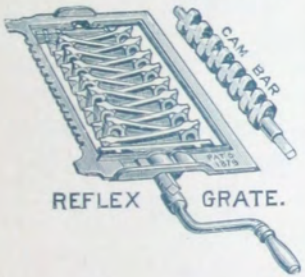
Oil Heaters and Ranges, ...

Sanitas Plumbing Specialties.

SEVEN AWARDS AT THE WORLD'S FAIR, CHICAGO.

With the Hub Line of Ranges -

The Reflex, the Duplex, the Triangular, the Ordinary Flat Grate, or a Dumping Wood Grate.



Can be furnished, according to the preference of the purchaser. When the style of grate is not specified, we always send the "Reflex" (a cut of which is here shown) with our higher grade ranges. The Wood and Flat Coal Grate will fit into the Reflex Bed Plate.

In ordering Repairs for the Hub Ranges, customers will please keep in mind the following various patterns: —

The Hub Range was originally made by the Boston & Maine Foundry Co., in 1872. The following are the different patterns of it that have since been made, viz.:

Old Hub, made in 1872. Two sizes, Nos. 7 and 8.

New Hub, made in 1879. Four sizes, 7 x 18, 8 x 18, 8 x 20, 9 x 20; also, 9 x 22 size made in 1882, and 9 x 30 size, with Double Oven, made in 1883.

In 1883, the Hub was still further improved, making what is known as the "1883" Pattern, including all the sizes. In 1884, we added the 6 x 18 and 7 x 18 sizes.

In 1886 we added the new End Ash Pan to both Cabinet and Closet Range. This range is known as the 1886 Pattern.

The Duplex Grate was first used in the 1879 Pattern of the New Hub and Rutland Ranges. The Reflex Grate was first used in the spring of 1880. The Gauze Oven Door was added in 1885, and can be attached to all patterns of the Hub line of Ranges.

THE PATENT

ire Gauze Oven Door

. . . . . **Is our latest improvement on the**

. . . **New Hub Range.**

Its theory is that fresh air is necessary for perfect cooking, The wire gauze allows the fresh air to enter the oven without cooling it. The air passes through the gauze in jets or sprays, and by combining chemically with the food prevents shrinking or loss of weight, and renders it easily digested and more nutritious. Fresh air is as necessary in the cooking of food as it is in its assimilation after it is eaten.

Its Results are Marvelous.

Meats are cooked in their own juices, making them tender and healthful, while the saving in weight is over 30 per cent. Bread is made light and porous, and the loaves are fully 25 per cent larger than those baked in a close oven. There is also a saving in fuel of 25 per cent. The total saving in meat, bread, and fuel is sufficient to repay the cost of the range in six months, while its beneficial effects on the health of the family cannot be computed in dollars and cents.

Broiling of every description can be done in this oven more perfectly than over the live coals. The Wire Gauze Oven does not throw off bad odors into the room, as the fresh air entering the oven neutralizes all odors and prevents their escape. Bear in mind that none of the so-called ventilated ovens will produce the above results.

Steaks, ham, fish, etc., can be *broiled* in the oven, while a loaf of sponge cake can be baked at the same time, and neither will taste of the other.

Eggs can be boiled or poached in the oven, *without water*. A range that will do this is worth investigating.

Some Strong Testimonials

. . . On the Wire Gauze Oven Door.

From the Boston Cooking School.

OFFICE OF THE BOSTON COOKING SCHOOL,
BOSTON, MASS.

Smith & Anthony Stove Co., Boston, Mass.

DEAR SIRS:—Three of the Hub Ranges with the Wire Gauze Oven Doors have been in constant use at the Boston Cooking School for the past eight seasons, and they have proved to be very superior stoves. We can especially commend the Gauze Oven Door as being all you claim for it. Its effect on meats is to render them tender and juicy, while the most delicate pastry is cooked evenly and uniformly on every side. The range is economical in the use of fuel, and is extremely simple in its management. We consider the Wire Gauze Oven Door an indispensable adjunct to a cooking range, and always recommend our friends to use it.

From personal and public use we can recommend the Hub Ranges as being the most reliable of any we have ever seen.

Yours truly

C. M. DEARBORN,
Principal Boston Cooking School.

FANNIE M. FARMER, Assistant.

From the New York Cooking School.

NEW YORK.

The Smith & Anthony Stove Co., Boston, Mass.

GENTLEMEN:—We have now in use in our different classes fifteen of your Hub Ranges with the Wire Gauze Oven Door, and we can cheerfully endorse all you claim for them.

We consider the Wire Gauze Oven Door a valuable feature in preserving the juices of the meats, and in giving lightness to bread and pastry, and as the door is an innovation on previous methods, we feel it due to you that we should thus express our satisfaction with its claims and operations.

Yours truly,
THE NEW YORK COOKING SCHOOL.
38 Lafayette Place.

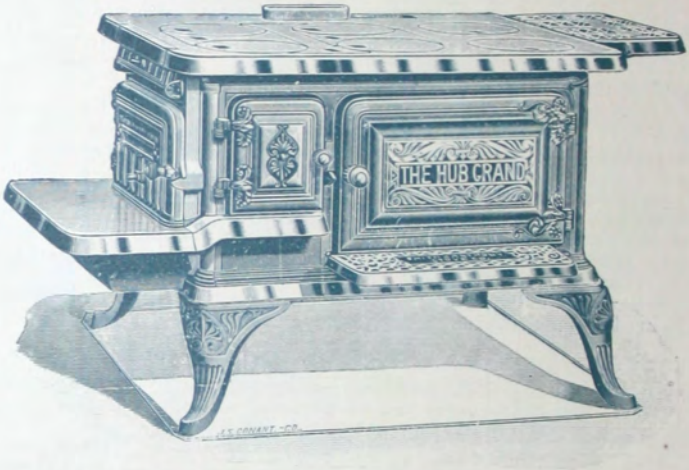
The Gauze Door is also used by the Philadelphia, New Haven, Hartford, and other cooking schools. Mrs. Rorer, Principal of the Philadelphia Cooking School, and author of a number of standard works on cooking, makes this comment on it in the June, 1888, number of "Table Talk:"

"A few days since I had the pleasure of witnessing a demonstration of cooking in the Gauze Door Range, and acknowledge myself as well satisfied with the results. Chops and steaks were quickly broiled in the oven. Meat was also roasted, not baked, therein. Our readers will remember that **beef cannot be roasted in a close oven,** for to roast we must have a circulation of air, consequently our English neighbors, as well as our particular American friends, use tin kitchens for their large joints of meat."

Dealers who want to increase their trade and secure the control of one of the best selling points ever introduced, should at once apply for the sale of the Hub line of Ranges with the Gauze Oven Doors.

Hub Grand Range.

Plain.

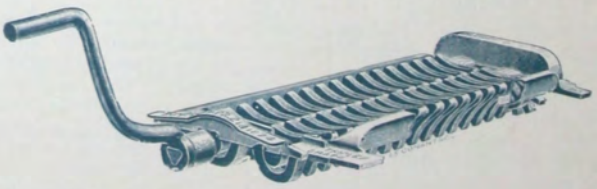


With or without Gauze Oven Door.

The different styles of the Hub Grand are interchangeable. The same range bottom will fit either the Low Closet, the Cabinet Base or the Plain Legs.

The Hub Grand is made with all the usual attachments, such as Low Closets, High Closets, High Shelves, Cabinet Bases, Water Fronts or Coils, Wood Fixtures, Extension Fire Box, etc.

SIZES: 7 x 18, 8 x 18, 8 x 20, 9 x 20, 9 x 22.



We can furnish the **TRIANGULAR GRATE** when so ordered. In many parts of the country this grate is preferred to any other.

Hub Grand Range

With Cabinet Base and High Shelf, showing Water Front Attachment to Copper Boiler.

With or without Gauze Oven Door.

The oven on the Hub Grand is as large on the rack as on the bottom, taking eight full size pie plates.

The Hub Grand takes the same High Closet that we use on the Regal Hub. See cut, page 11.

Hub Grand Range

With Low Closet.

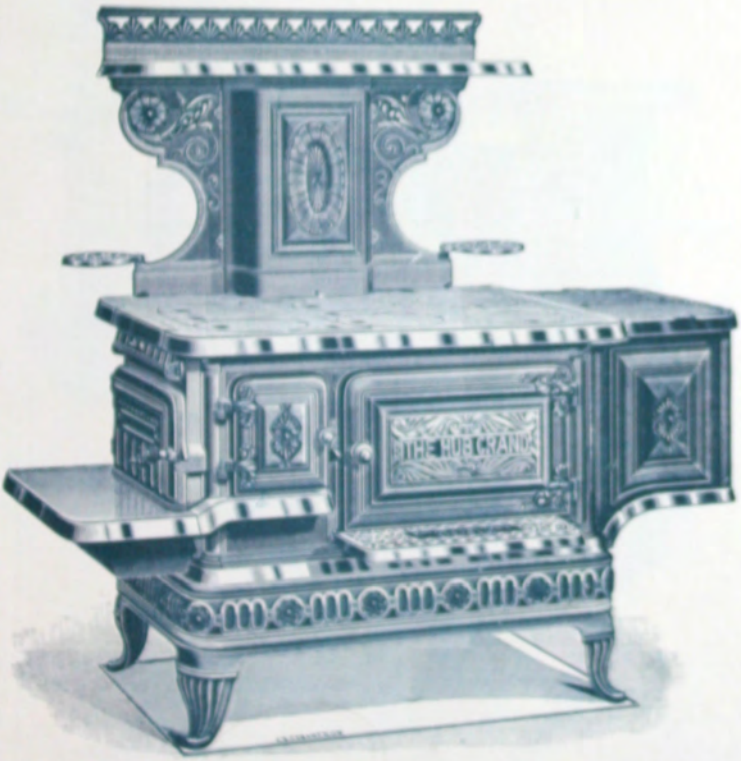
The Low Closet is very large, and extends the full length and width of the range.

The Hub Grand is the range usually selected by the cooking schools. Its smooth castings and substantial construction make it especially desirable for service of this kind.

The High Closet is shown on page 11.

Hub Grand Range

With Cabinet Base, Reservoir
and High Shelf.



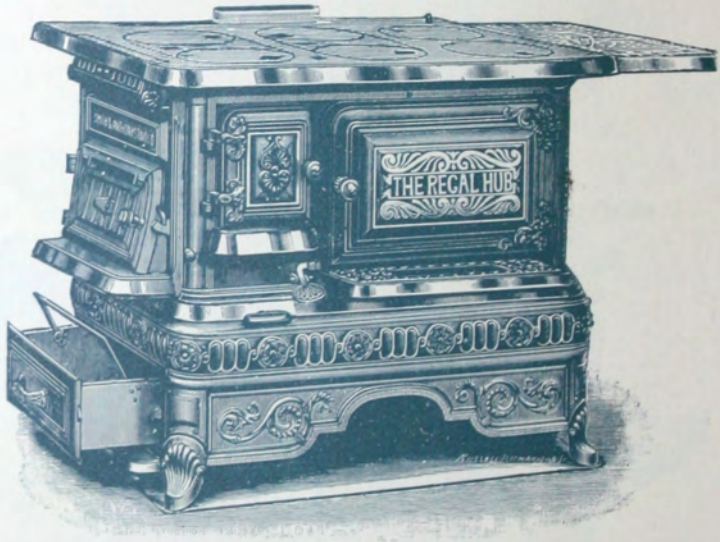
With or Without Wire Gauze
Oven Door.

The Reservoir is of Heavy Copper.

Water Fronts or Brass Coils always in Stock.

The Regal Hub Range

With Cabinet Base, Mammoth Ash Pan and
Gauze Oven Door.



Made in all the usual Sizes.

6 x 18, 7 x 18, 8 x 18, 8 x 20, 9 x 20, 9 x 22, 9 x 30.

Special attention is called to our Mammoth Ash Pan as used on the Regal Hub Range. It is the largest, coolest and cleanest Ash Pan made. Both the Cabinet and Closet Ranges have Sifting Grates in connection with the Ash Pan. The Regal Hub Range is our most complete construction. It is rich in design, perfect in operation.

The Regal Hub Range

With Cabinet Base, Sifter, Mammoth Ash Pan, and Elevated Shelf.

With Elevated Closet, Cabinet Base and End Reservoir.

The Royal Hub Range

With Low Closet and Reservoir.

And Gauze or Solid Oven Door.

The oven door can be opened without stooping, by pressing the pedal with the foot.

AMONG THE SPECIAL FEATURES OF THE ROYAL HUB RANGE ARE

Wire Gauze Oven Door,
Mammoth Ash Pan,
Patent Grate,
Nickel Towel Dryer,
Nickel Top Rim,
Patent Oven Door Opener,
Steel Finished Edges,
Reed's Check Draft,
Swing Hearth,
Nickeled Oven Shelf, etc.

SIZES:—7x18, 8x18, 8x20, 9x20.

The Royal Hub Range,

With Cabinet Base, Large Ash Pan, Elevated Shelf, and Gauze Oven Door.

Powerful Brass Coils or Water Fronts for heating water for bath rooms, and for carrying it over the house in pipes, can be furnished with all styles and sizes.

The Queen Hub Range

Entirely New in Design and Appointments.

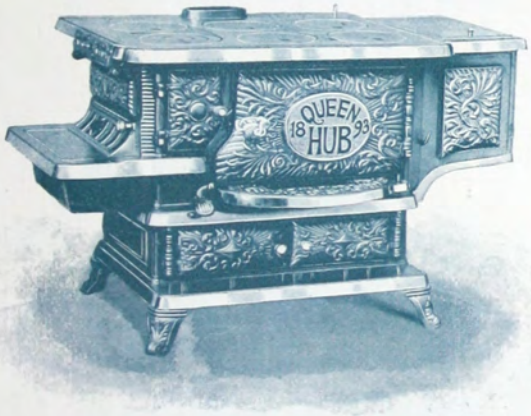
With Cabinet Base, Mammoth Ash Pan and
Gauze Oven Door.

Has Beautifully Designed and Finished Castings, Nickel-plated Top Rail, Nickel-plated Oven Shelf, Nickel Towel Rack, together with Every Improvement of Value to be found on any range made.

It can be fitted to take either the Triangular or Plain Grate. Made in all the usual styles and sizes.

The Queen Hub Range

The Handsomest Range in the Market.



Evey range has **Nickeled Top Rim, Large Nickel Name-Plate, and Nickeled Oscillating Shelf.** These, together with the other nickel trimmings, and the beautifully modelled castings, give the Queen Hub the handsomest and most striking appearance of any range in the market.

To Complete the Perfections of the Queen Hub Range, it has

The Wonderful Wire Gauze Oven Door!

THE QUEEN HUB RANGE with the Wire Gauze Oven Door will bake out of doors in the winter, with the weather at zero, as well as any other range will in a warm kitchen. Every housekeeper wants to know more about a stove that will do this.

The Queen Hub Range

With Cabinet Base and High Shelf.

THE HIGH SHELF

On the Queen Hub is much admired. It is a Beautiful Specimen of Art Metal Work.

The Queen Hub Range

With Cabinet Base, High Shelf and Reservoir.

The Damper is controlled by our Improved Jointed Rod, which will not warp and can easily be replaced at any time, if desired.

The New Union Hub Range

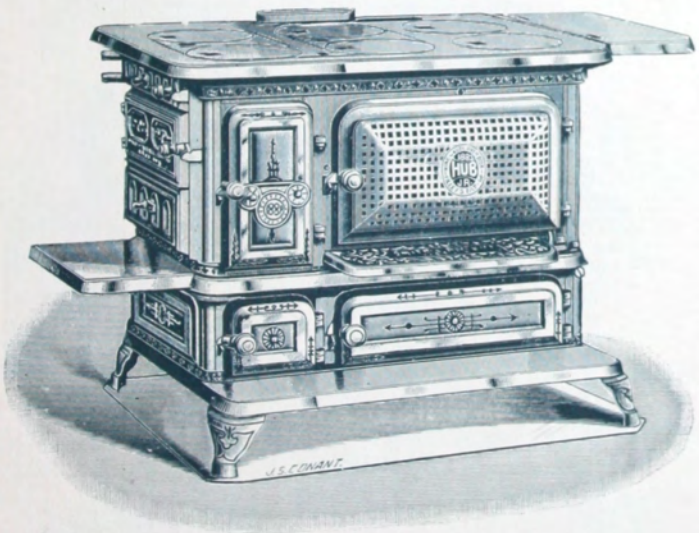
A FIRST-CLASS RANGE AT A LOW PRICE.

Made in all the Usual Styles and Sizes.

Has Nickeled Top Edges, Extra Large Ash Pan, Shaking or Triangular Grate, Full Size Oven, Large and Quick-Working Flues, Nickel-Plated Towel Dryer, Drop Broiling Door, either Solid or Gauze Door, Coal or Wood Fixtures.

The Hub Junior Range

For Coal or Wood, with Low Closet
and Wire Gauze Door.

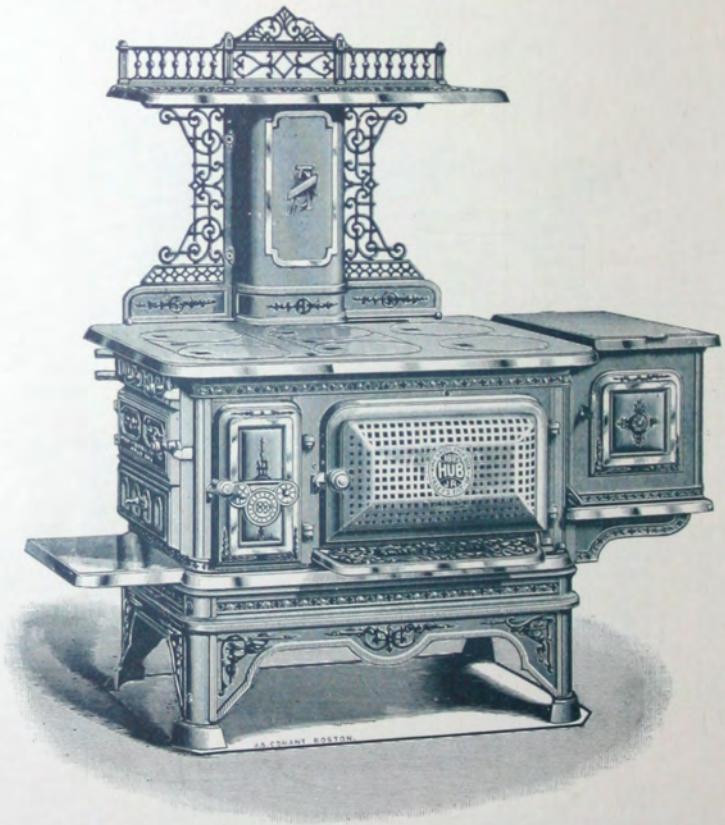


All the usual attachments furnished with this range. Has either solid or Gauze Door.

SIZES: 7x18, 8x18, 8x20, 9x20.

The Hub Junior Range

For Coal or Wood, with Cabinet Base, High Shelf and End Reservoir.

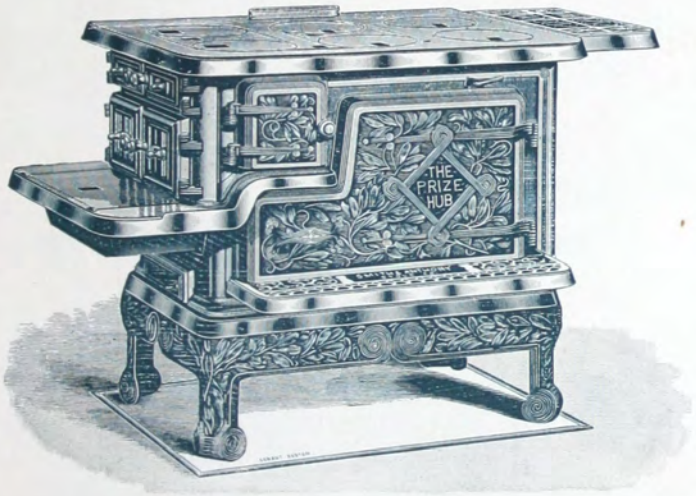


Solid or Gauze Oven Door.

SIZES: 7x18, 8x18, 8x20, 9x20.

The Prize Hub Range

For Wood, with Cabinet Base and Extension Hearth.



The oven is unusually large and bakes perfectly. The Edges are Steel-Finished, while the artistic effect of the range is secured by the use of Rich Art Castings, instead of Gaudy Nickel Work. It will stand the wear and tear of years and always retain its attractive appearance.

AMONG THE OTHER SPECIALTIES ARE :

Broiler Hearth and Doors,
Improved Oven Door Lining,
End and Front Feed Doors,
And Long Oven Hearth.

MADE IN EIGHT SIZES :

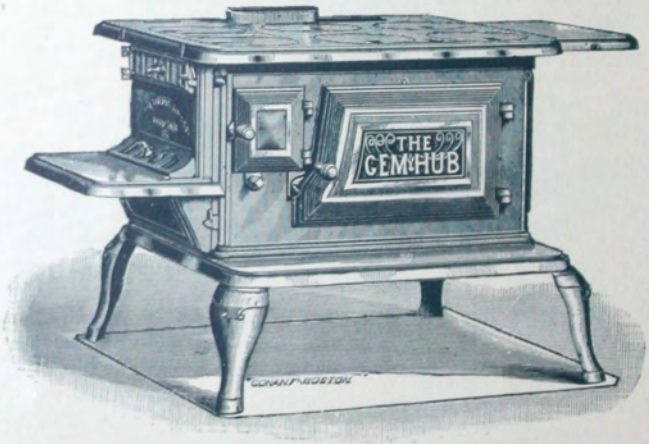
6x22, 7x22, 8x22, 7x24, 8x24, 9x24, 8x27, 9x27.

Each size can be fitted with Low Closets, High Closets, High Shelves, Cabinet Bases, Water Fronts and Couplings, and Low Reservoirs.

The Gem Hub Range

For Coal or Wood.

Plain Range, with Six-Hole Top.



MADE IN 4 SIZES: 7x14, 7x16, 7x18, 8x18.

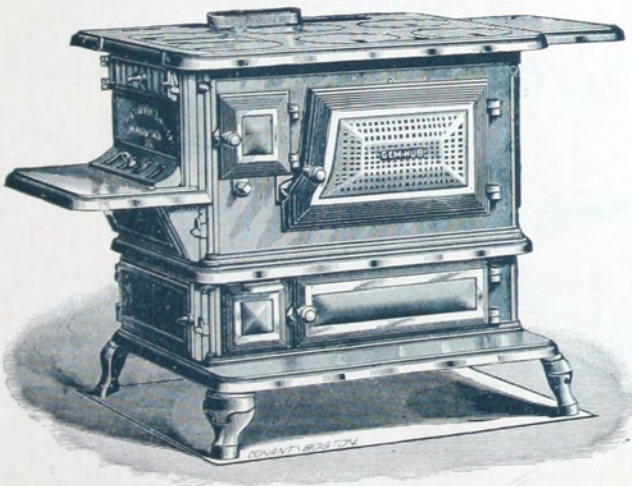
OVEN: 14x15, 16x17, 18x19.

Has Swinging End Hearth and very large Ash Pan. Can be furnished with either Solid or Gauze Oven Doors.

The Gem Hub Range

For Coal or Wood.

Low Closet Range, with Six-Hole Top.



Gauze Oven Door.

4 SIZES: 7x14, 7x16, 7x18, 8x18.

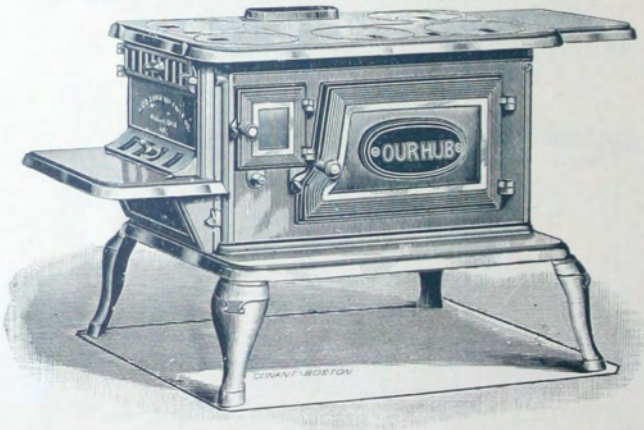
OVEN: 14x15, 16x17, 18x19.

By placing the Gauze Door on this low priced range, we bring it within the reach of those who require something extremely low in cost. It works as well as the higher grades.

Our Hub Range

For Coal or Wood.

Plain Range, with Five-Hole Top, and either Solid or Gauze Oven Doors.



MADE IN 4 SIZES: 7x14, 7x16, 7x18, 8x18.

OVEN: 14x15, 16x17, 18x19.

The "Our Hub Range" is made in Plain style only. It has Swinging End Hearth, with unusually large Ash Pan, both new features in this class of range.

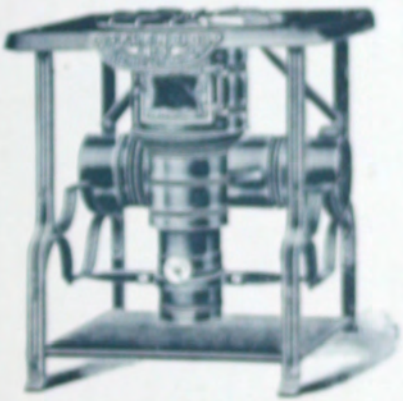
PRICES VERY LOW.

ENJOY IDEAL SUMMER COOKING

. . . By using . . .

The Splendid Oil Stoves.

All the improvements of the past twenty-five years are summed up in these stoves. They give a quicker and hotter heat than gasolene stoves and are more economical.



No. 1 SPLENDID — Steel Top and Frame.

Is provided with a powerful 8-inch Circular Burner. The burner, as well as the reservoir, is of highly polished brass, which not only makes an attractive appearance, but guarantees durability. The reservoir holds one-half gallon.

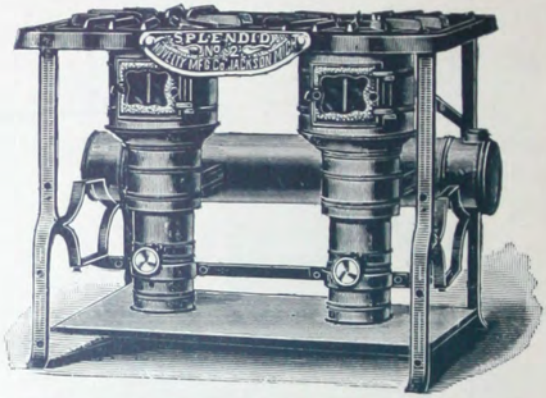
Height, 16 inches; shipping weight, 15 pounds. PRICE, $5.00. No. 4 Tin Oven, 12 x 14 x 13, $2.50

The Splendid has a Steel Frame and Ornamental Steel Top, making it strong and light. It cannot break. Other oil stoves are toys compared with the Splendid.

Among its Special Features are **Polished Brass Tanks, Polished Brass Fonts, Broad Steel Tops, Steel Frames, Circular Wicks, Removable Chimneys, Illuminating Doors, Large Ovens.**

The Oil Reservoirs or Fonts are of Pure Brass and are at the back of the stove, where they do not become heated. The chimneys can be instantly removed for cleaning or for trimming wicks. New Wicks can be easily put in and all the arrangements of the stove are of the greatest simplicity. The larger sizes are on castors.

Splendid Oil Cooks.



No. 2 SPLENDID—Steel Top and Frame. Two 8-inch Circular Burners. The Splendid is perfection for heating flat irons and doing laundry work.

Capacity of reservoir, ¾ gallon. Height, 16 inches; shipping weight, 28 pounds. PRICE, $8.00. No. 4, Tin Oven, 12 x 14 x 13, $2.50.

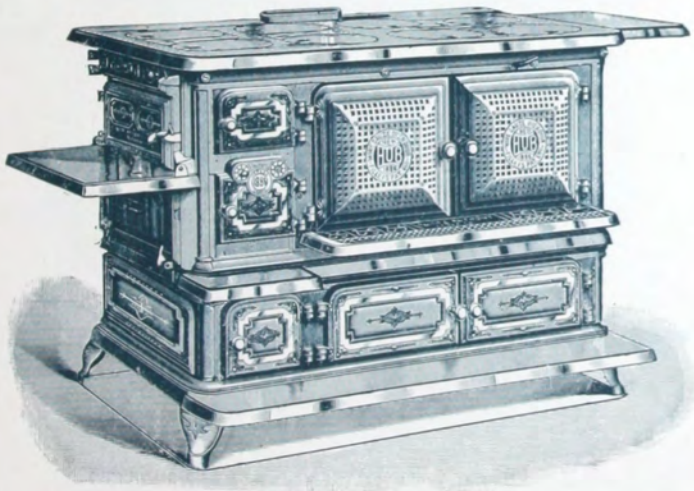
No. 235 SPLENDID—Steel Top and Frame. This stove is a three-burner step stove. Two 10-inch Circular Burners, one 15-inch Circular Burner for step. This is the Most Powerful Oil Cook ever produced. It is supplied with two polished brass tanks, each holding one gallon of oil.

Height, 30 inches. Shipping weight, 75 pounds. PRICE, $20.00. No. 16, Russia Iron Oven, 13 x 20 x 18, $4.50; No. 6, Tin Oven, 13 x 20 x 18, $3.50.

The 9 x 30

Double Oven Hub Range

For Hotels, Restaurants, Boarding Houses,
and Large Families.



Has eight 9-inch holes, all of them available. If 8-inch holes are desired we can furnish rings to reduce from 9 to 8-inch.

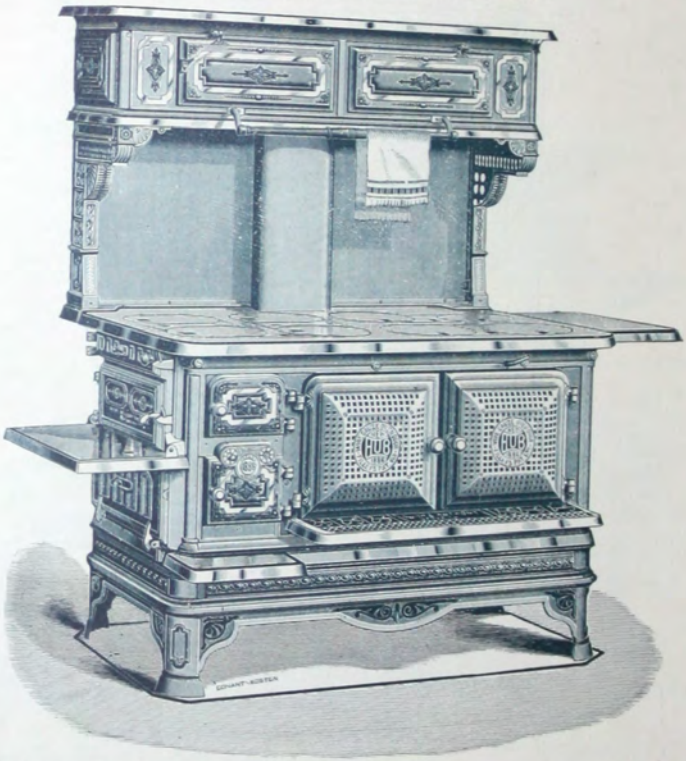
The 9x30 Hub has two ovens, each 22x15 inches square. This arrangement enables the cook to roast meats and bake pastry at the same time, the partition keeping them separate. This partition between the ovens can be removed at pleasure, making one large oven 22x30 inches square. Both ovens operate equally well.

Please notice the superior arrangement of our High Closet Door shown on next page. It consists of a single door opening the entire length of the closet, making the latter easily accessible. The bottom of the closet is perforated, thus allowing the heat to pass inside of it, and thoroughly warm articles therein.

The 9 x 30

Double Oven Hub Range

With High Closet and Cabinet Base.

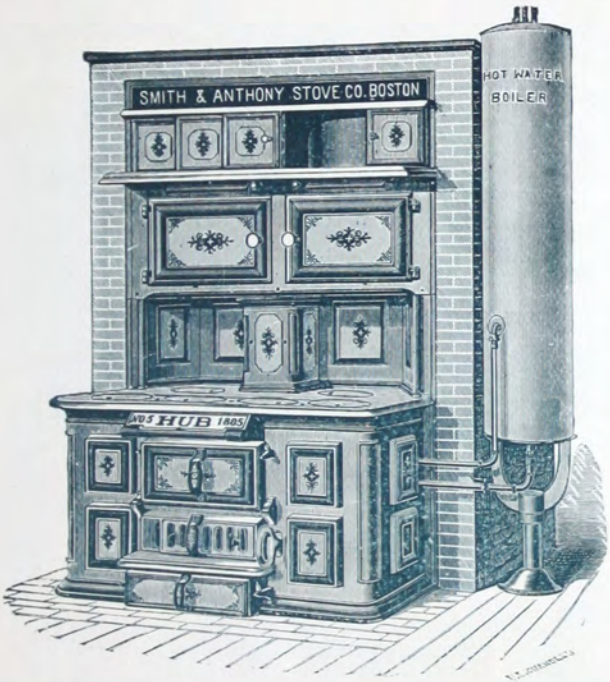


Special attention is called to our Improved Arrangement for changing the Double to Single Oven at will.

Access can be had to either oven without opening both the doors, which is a great improvement over former methods of construction.

Powerful Water Fronts for heating water for Bath Rooms or Sinks, and for carrying it over the house in pipes, can be furnished when desired.

The Hub Brick Set Range



Those who desire a Range that shall be a permanent fixture in the house, and combine Certainty of Operation with Large Cooking Capacity, will find the "Hub" the most complete article of its class. It is substantially made, and is well calculated to stand the rough usage which such ranges are often subjected to at the hands of careles servants.

AMONG ITS SPECIAL FEATURES ARE

Two Large Baking Ovens, **Elevated Warming Closets,**
Powerful Water Fronts,

Together with improved facilities for roasting meats before the fire.

It is very cleanly, being so arranged that neither dumping nor poking allows any ashes or dust to escape into the kitchen.

Dimensions of the Three Sizes.

No. 4 has six 8-inch holes. No. 5 has six 8-inch holes. No. 6 has six 9-inch holes.

SIZE OF OVENS, EACH.

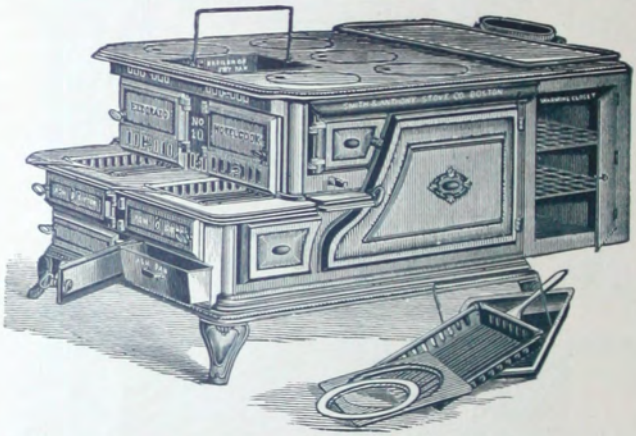
Depth from front to back of oven,	—No. 4, 18 in.;	No. 5, 18 in.;	No. 6, 20 in.
Width from right to left,	—No. 4, 15¾ in.;	No. 5, 18 in.;	No. 6, 20 in.
Height from top to bottom,	—No. 4, 10¾ in.;	No. 5, 10¾ in.;	No. 6, 11¾ in.

SIZE OF OPENING IN BRICK WORK.

Width inside,	—No. 4, 40 inches;	No. 5, 44 inches;	No. 6, 48 inches.
Height in front,	—No. 4, 69 inches;	No. 5, 69 inches;	No. 6, 70 inches.
Depth,	—No. 4, 19 inches;	No. 5, 19 inches;	No. 6, 21 inches.

Eldorado Hotel Cook.

With Extension Top and Low Warming Closet Only.



The stove can also be had with Plain or Square Top, less all attachments. Water Fronts and Full Sets of Iron and Tin Ware furnished if desired.

WE INCLUDE WITH EVERY STOVE

Two Large Spiders,
Two Griddles,
One Square Gridiron,
One Square Fry Pan,
Two Sifting Pans,
And Two Ash Pans.

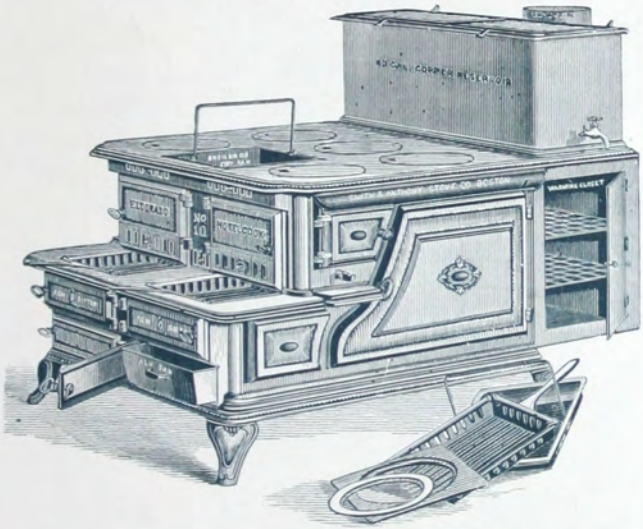
The Eldorado is the heaviest Hotel Cook manufactured. It is made in the most substantial manner, and is well calculated to withstand the hard usage which stoves of this class are subjected to. Hundreds of them are now in use, and testimonials will be furnished on application.

See our special circular with printed list of references and testimonials.

For other Hotel Ranges see our Catalogue of Hotel Specialties.

Eldorado Hotel Cook.

With Extension Top, Encased Copper Reservoir and Tin Warming Closet.



For Hotels, Restaurants and Boarding Houses.

Burns Hard or Soft Coal or Wood. Has six 10-inch holes, which can be reduced by rings to 9-inch.

WARRANTED TO WORK WHERE RANGES FAIL.

Unusually Large Oven, 27 x 38 inches square, easy of access on all sides, and warranted to bake well in every part. One Damper controls the whole fire. The Fire Pot is in two parts, but the partition between them can be removed to burn wood.

The Eldorado is also arranged for Water Front, High Copper Reservoir, Extension Top and Tin Warming Closet, all of which can be attached singly or together.

For other Hotel Ranges, see our Special Catalogue of Hotel Cooking Apparatus.

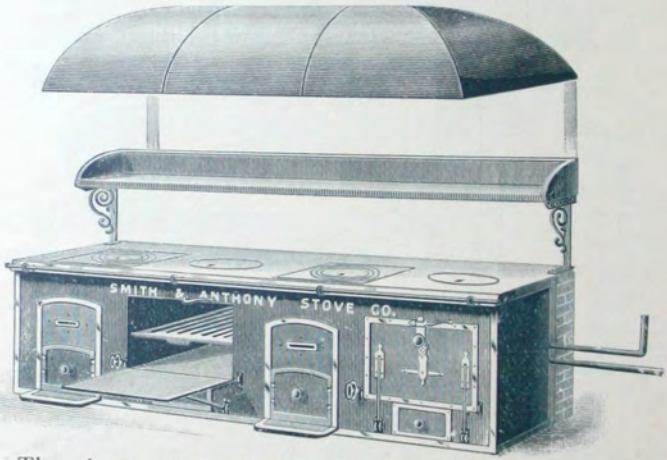
Hotel and Restaurant Department.

French Wrought Iron Ranges

Made in any Size or Style Required.

We own the patterns of the celebrated Whitely Ranges, and our French Ranges combine all the best features of these patterns, with many valuable improvements added by us.

Our Ranges are fully 25 per cent heavier than other French Ranges, and have a much greater durability. They are substantial and simple, and free from all useless trimmings.



The above cut represents our 8-foot Range with two Fires and with Double Ovens, each 23 x 29 inches.

Top Shelves and Hot Closets can be furnished of any desired length.

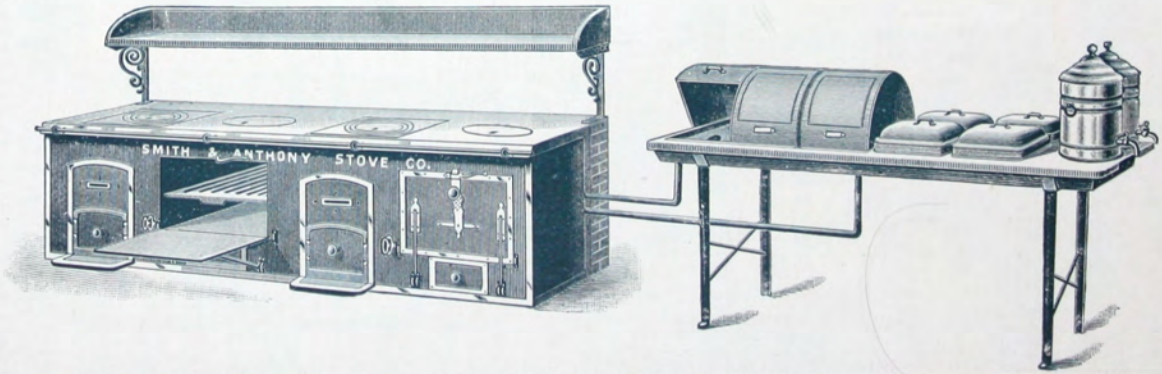
Our 5 and 6-foot Ranges have Single Fires. The larger sizes have two or more fires, according to the length of the range.

We can also furnish Hoods or Canopies for carrying away all smoke and odors from cooking.

We make a specialty of Yacht Ranges and outfits.

On the following pages are shown a few of our Hotel and Restaurant Specialties. Send for our Hotel Catalogue of 80 pages.

HOTEL DEPARTMENT.



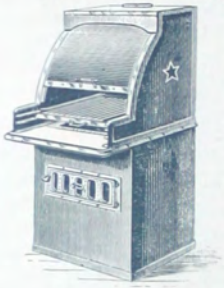
The above illustration shows A MODEL KITCHEN OUTFIT, suitable for Hotel or Restaurant use. This arrangement can be modified, of course, to meet the requirements of any establishment. We are always glad to make suggestions for planning kitchen arrangements.

Improved Broilers

FOR HARD COAL, COKE OR CHARCOAL.

Made in 5 sizes. Can be used independently or attached to the Range.

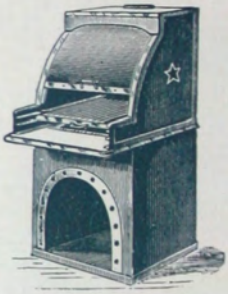
For Hard Coal or Coke.



SIZES:

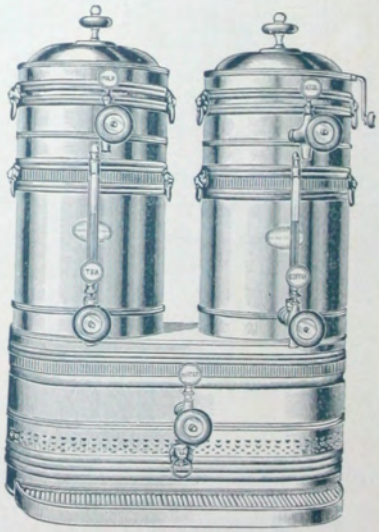
18 inches.
24 "
28 "
30 "
36 "

For Charcoal.



Our Broilers are made of heavy metal and are substantial and durable.

Tea, Coffee, Chocolate, Milk and Water Urns.



We make the largest variety of Tea and Coffee Sets of any house in the trade. Newest Designs and Lowest prices.

For large Hotels and Institutions we make a Steam Jacket Coffee Urn, in 30, 50, 75, 100 and 150 gallon sizes.

Special Circulars with large cuts showing the different kinds of Urns, sent on application. Urns can be heated by hot water or steam pipes, gas or kerosene.

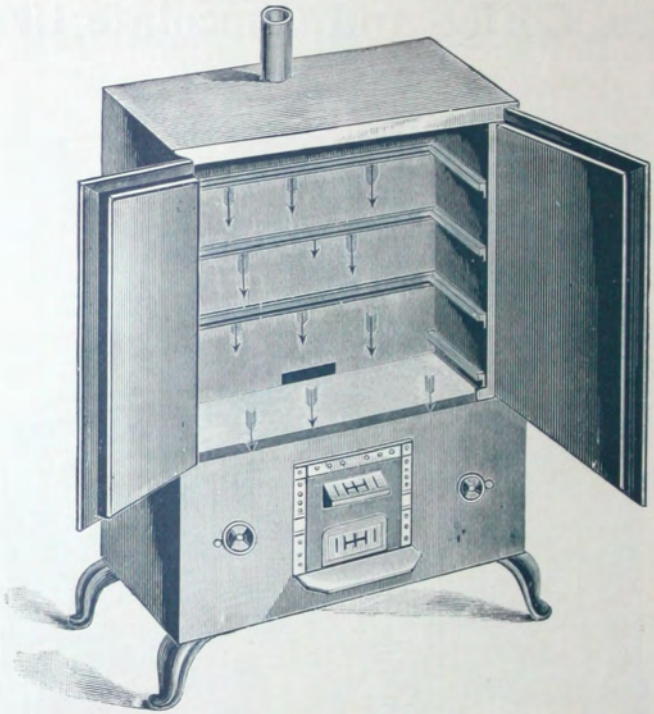
Tea, Coffee and Chocolate Urns

The above cut represents a set of Urns entirely surrounded by water. It is one of the many patterns made by us and gives an idea of our work. The jars are earthen and the outside casing made of copper, nickeled or of marble. The coffee is made by process of leaching, and is kept hot by steam, gas, or kerosene.

Sizes of this Set from Two to Ten Gallons.

For Prices and other Illustrations, send for an illustrated list.

PATENT GALVANIZED PORTABLE OVEN.



For Baking Bread, Cake, Pastry, Etc.

Coal or Wood Fire Box, as desired.

MEASUREMENTS.

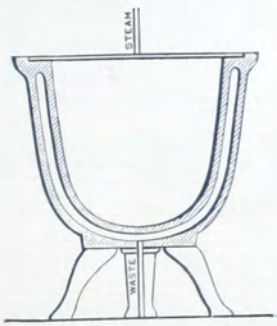
No.	14,	Height,	3	ft.,		Width	2	ft.	6	in.,	Depth	2	ft.	
"	15,	"	3	"	8	in.,	"	2	"	8	"	"	2	"	1	in.
"	16,	"	4	"			"	2	"	10	"	"	2	"	2	"
"	17,	"	4	"	6	"	"	3	"	3	"	"	2	"	8	"
"	18,	"	5	"	2	"	"	3	"	8	"	"	2	"	8	"
"	19,	"	5	"	11	"	"	4	"	11	"	"	3	"	2	"

These Ovens are perfect bakers, being lined with sheet iron inside, which insures uniform heat and keeps out the dust and gases which are such a nuisance in the ordinary oven. They are also largely used for enameling ovens.

Whiteley's Patent Seamless Jacket Kettles.

The only Kettle of the kind made.

No Joints! No Leakage! No Repairs!



The above cuts represents our DOUBLE FULL-JACKET KETTLE, which is the best kettle manufactured for Hotels, Restaurants, Public Institutions, Curriers, Tanners, Soap Makers, and all parties using a Steam-Jacket Kettle for any purpose.

It will boil more quickly, stand more pressure, and give better satisfaction than any kettle in the market. **Has no joints or packing, therefore never gets out of order, and requires no repairs.**

Those wanting a good article will buy no other.

Our new list is greatly reduced, making this Kettle the cheapest of any in the market, when quality is considered.

Sizes of Whiteley's Patent Jacket Kettles.

5 gallon.	20 gallon.	40 gallon.	75 gallon.	125 gallon.
10 "	25 "	50 "	80 "	150 "
15 "	30 "	60 "	100 "	200 "

Covers of Copper or Galvanized Iron, extra. All covers furnished with Brass Trimmings. Drilling and Tapping for Cocks, extra.

The following are some of the institutions using our Steam Kettle: —

Tewksbury Almshouse,	Tewksbury, Mass.	State Farm,	Providence, R. I.
Nat'l Soldiers' Home,	Augusta, Me.	State Penitentiary,	Joliet, Ill.
Nat'l Soldiers' Home,	Dayton, Ohio.	State Insane Asylum,	Worcester, Mass.
State Public School,	Coldwater, Mich.	Hospital for Insane,	Middletown, Ct.
State Penitentiary,	Leavenworth, Kan.	State Prison,	Sing Sing, N. Y.
South Boston Insane Asylum,	South Boston, Mass.	McLean Insane Asylum,	Somerville, Mass.
Government Lunatic Asylum,	Washington, D. C.	Nat'l Soldiers' Home (6),	Hampton, Va
Butler Hospital,	Providence, R. I.	State Asylum for Insane,	Topeka, Kan.
		State Prison (6),	Toronto, Canada.

And many others.

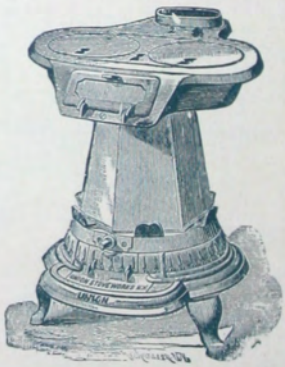
Farmers' Boilers

	For Wood.	For Coal.	Caldrons.
15-gallon	$15 00		$4 00
20 "	16 00	$20 00	5 00
25 "	20 00		6 00
30 "	24 00	30 00	7 00
40 "	30 00	40 00	10 00
50 "	40 00	50 00	13 00
65 "	49 00	54 00	16 00

Discount,

Vertical or Horizontal Pipe Outlets.

Laundry Stove



Heating Capacity	No. 2.	No. 3.	No. 4.
Boiler Holes (two),	6 irons.	7 irons.	7 irons.
Price	6-inch.	7-inch.	8-inch.
	$6 00	$7 00	$8 00

Prices on other Styles Laundry Stoves on application.

LARGE LAUNDRY STOVE.

LAUNDRY STOVE.

No. 1, 8 irons. No. 2, 10 irons.

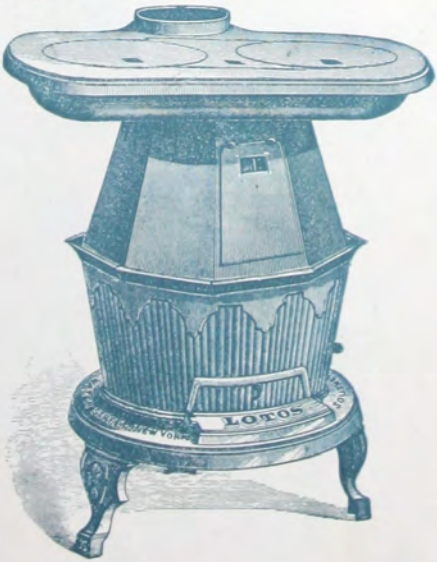
SIZES:

No. 2,	7 irons.	No. 5,	22 irons.
" 3,	10 "	" 6,	36 "
" 5,	17 "	" 6½,	50 "

LOTOS LAUNDRY AND TAILOR STOVES.

FIVE SIZES.

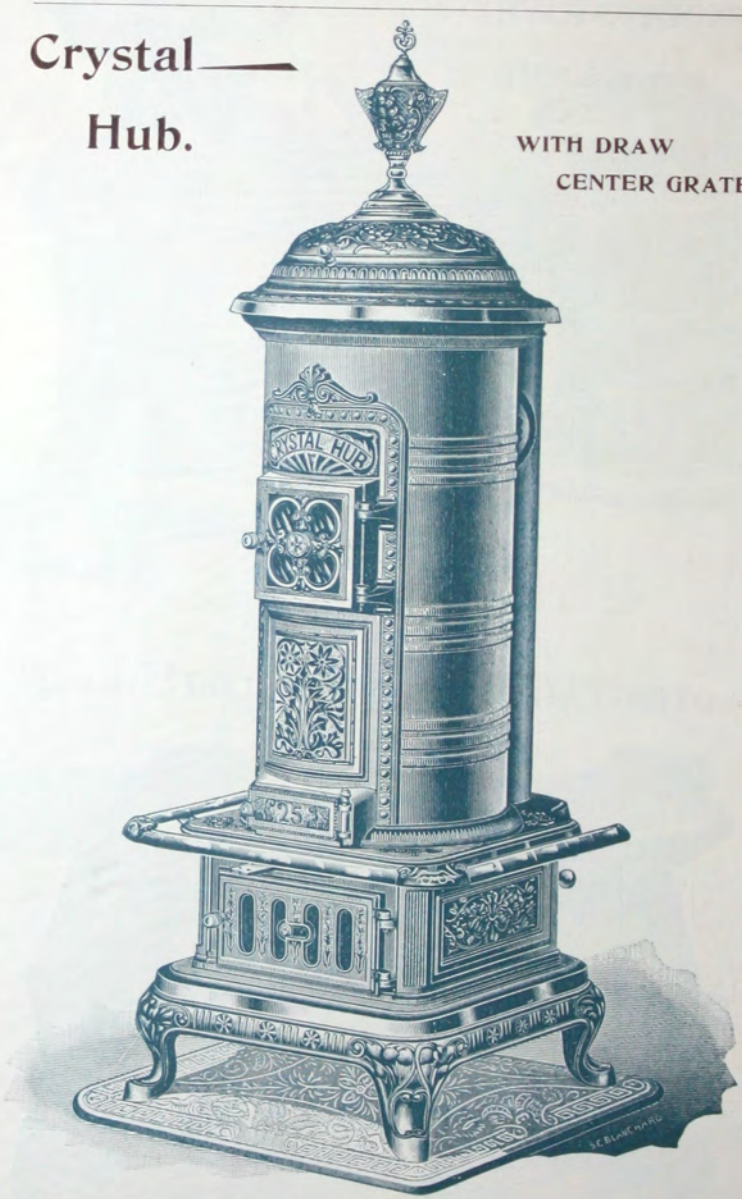
No. 1, 9 irons on sides.



No. 6, 9 irons on sides

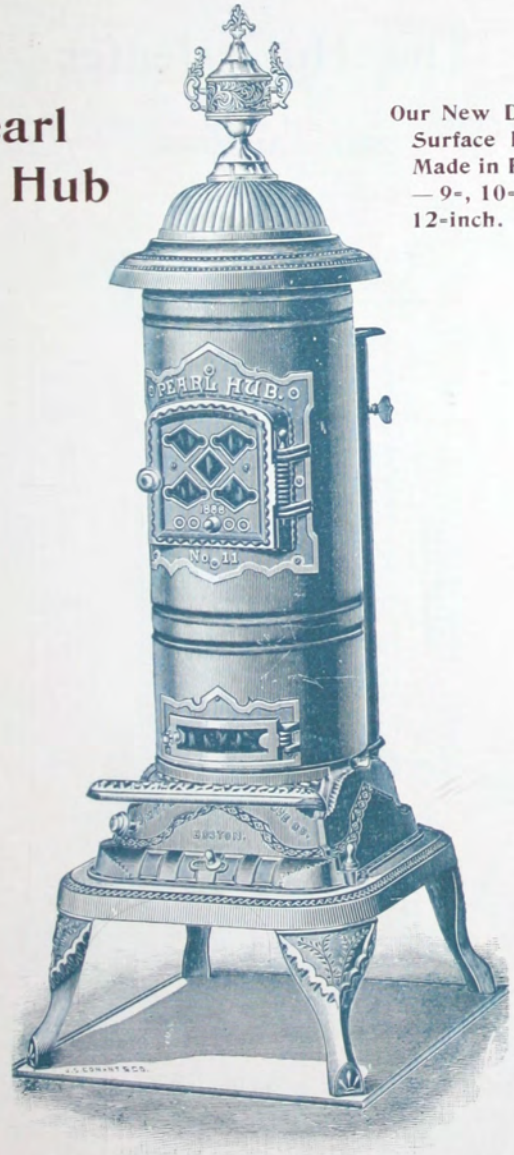
Crystal Hub.

WITH DRAW
CENTER GRATE.



THREE SIZES — Nos. 23, 25 and 27. Fire Pots, 10, 12 and 14 in.

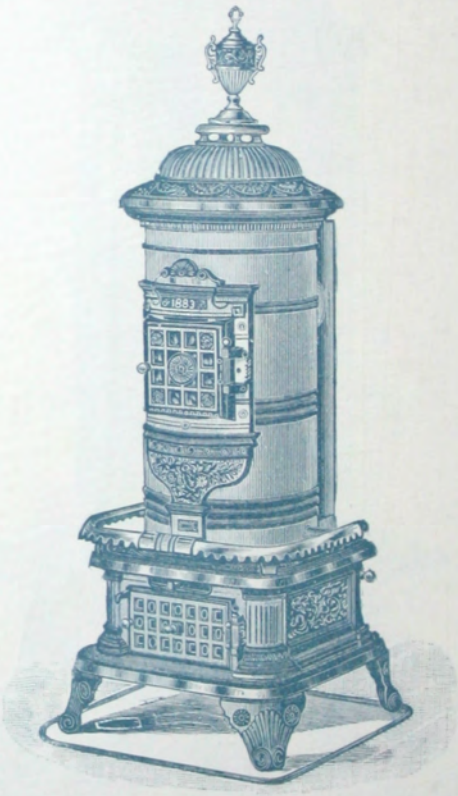
The Pearl Hub



Our New Down-Draft Surface Burner, Made in Four Sizes, — 9-, 10-, 11- and 12-inch.

The Hub Heater

Round Art Stove.



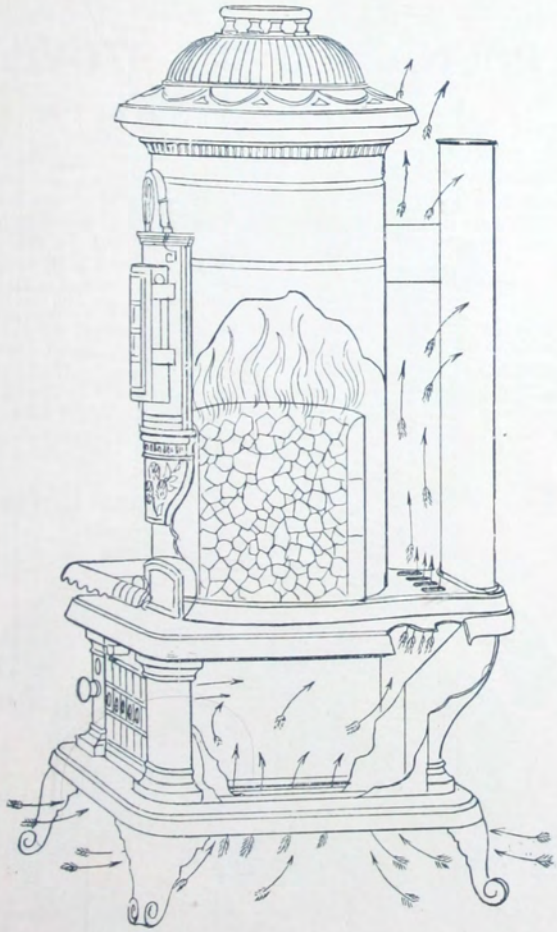
Made in Three Sizes — No. 20, 10 in.; No. 30, 12 in.; No. 40, 14 in.
Also No. 40, Hall Stove.

See following pages for description.

25% of the Fuel Saved

IN THE

HUB VENTILATING STOVES.



The arrows show the circulation of the air in the room *through* the stove. See next page for description.

Astonishing Results! Waste Heat Utilized!

The Double-Walled Ash-Pit,

As used in the

ROUND HUB ART STOVE.

By this arrangement the walls of the Ash Pit are made with double plates, giving an open air space between the hot air flues and the Ash Pit, through which the air in the room freely circulates, as shown by the arrows in the cut, and, after becoming heated, emerges into the room again through a register opening at the back of the stove. It is estimated that 6,000 cubic feet of air will pass through these *Hot Air Flues* every hour, showing how thorough and practical the circulation is. The heat so obtained is all clear gain, as it is drawn from the sides of the Ash Pit where it would otherwise remain wasted.

Heretofore Parlor Stoves have done their work but imperfectly, relying upon radiation alone for the distribution of their heat. In the Hub Heater, the heat is both radiated and circulated, both processes being equally necessary.

In the Hub Heater, Hub Oval Parlor, Hub Royal and Hub Franklin Stoves, all the air in the room is set in motion toward the stove and is spread over and drawn through it, making the temperature at the floor the same as at the higher levels of the room.

The Patent Two-Part Oven Cover.

Is an Important Feature of the Hub Heater.

The top is divided into two parts, which swing in opposite directions, affording ample access to the Oven, and admitting of a larger utensil than can be used with the ordinary Swing Top.

The Crown Hub.

New this Year.

Two Sizes.—No. 27, 12 inch; No. 29, 14 inch.

THE HUB HEATER.

All Cast Surface Burner.

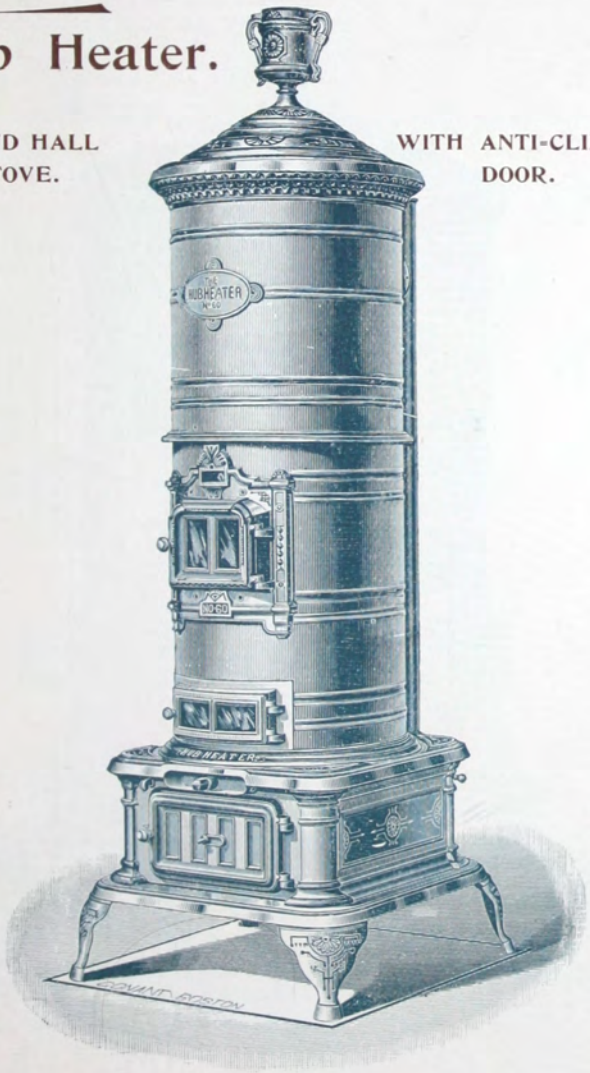
THREE SIZES — NOS. 12, 14 and 16.

THE

Hub Heater.

ROUND HALL STOVE.

WITH ANTI-CLINKER DOOR.



THREE SIZES — No. 50, 16 inch; No. 60, 18 inch; No. 70, 20 inch.

Each Size has Our Improved Double-Walled Ash Pit.

The Hub Heater is specially designed for rooms that have high walls, and large exposure from outside doors, such as Halls, Offices and Stores.

THE MODERN HUB ART STOVE, No. 40. BASE BURNER.

This is the second or medium size of the Modern Hub. Our cut shows its general appearance and the outlines of its design, but can give only a hint of the artistic richness of the stove as a whole. We have a third and smaller size not illustrated here.

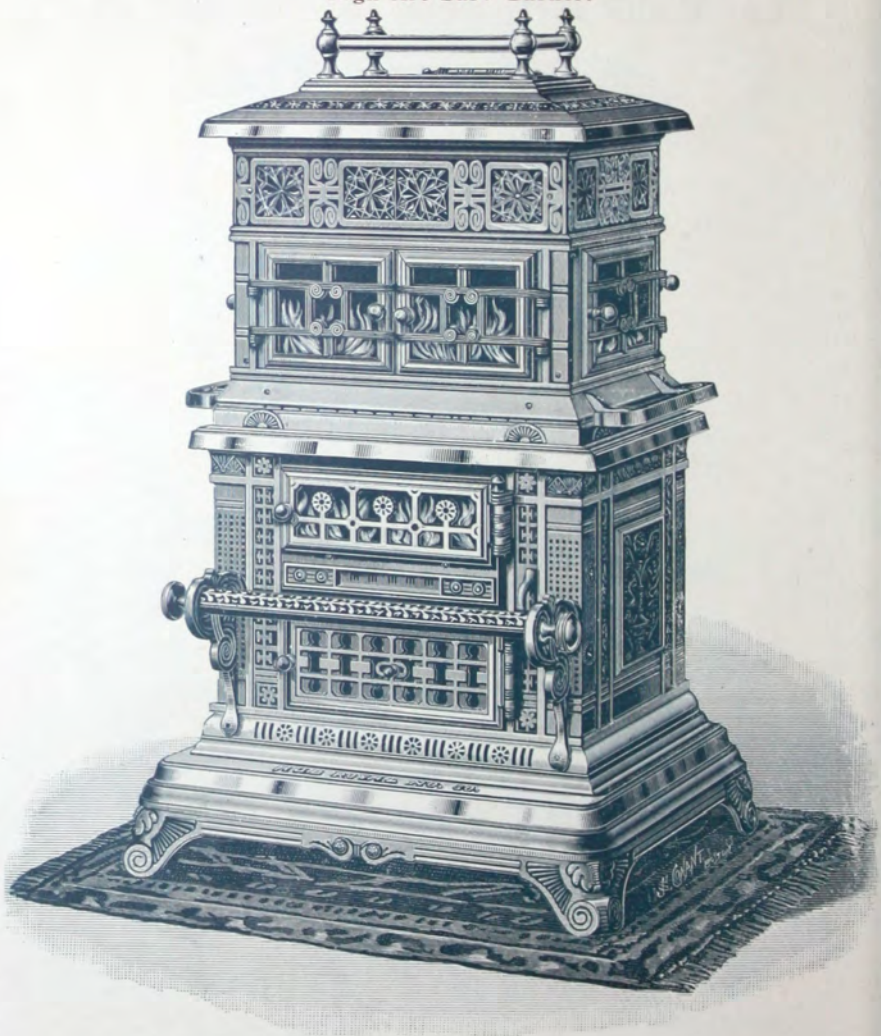
The Modern Hub Art Stove, No. 45.

BASE BURNER.

This is the largest size of the series. The two stoves of this series represent undoubtedly the highest attainments yet reached in Decorative Heating Stoves. Both sizes have Tea Kettle Attachment.

The Hub Royal

High Art Base Burner.



MADE IN THREE SIZES—NOS. 20, 30 and 40—All with PATENT DUAL GRATE.

Send for Special Circulars.

The Hub Wood Parlor

With New Features this Season.

AMONG ITS SPECIALTIES ARE

The Large Feed Door with Drop Curtain, Swinging Top and Swinging Urn Top, Nickel Urn, Nickel Rail, Nickel Door with Gauze Lining, Richly Paneled Ends, Unusually Deep Ash Pit.

THIS STOVE IS MADE IN TWO SIZES — NOS. 22 and 24.

No. 22 burns wood twenty-two inches long, and the No. 24 burns wood twenty-four inches long.

The Hub Franklin

Open Stove.

WITH DOUBLE CIRCULATING FLUES.

Showing Appearance with Blower Removed.

THREE SIZES— NOS. 14, 16 and 18.

An entirely new stove, representing our ideas as to what a stove of this class should be. The Top and Side Panels are in high relief, giving an exterior that is unsurpassed.

The Hub Franklin is made with double walls, forming hot air flues through which the cold air is drawn and heated. This is a sanitary feature which makes this grate especially valuable for heating sick rooms, hospitals, chambers, etc., besides doubling the heating capacity of the usual style open stove.

The Puritan

Nursery Stove, for Coal.

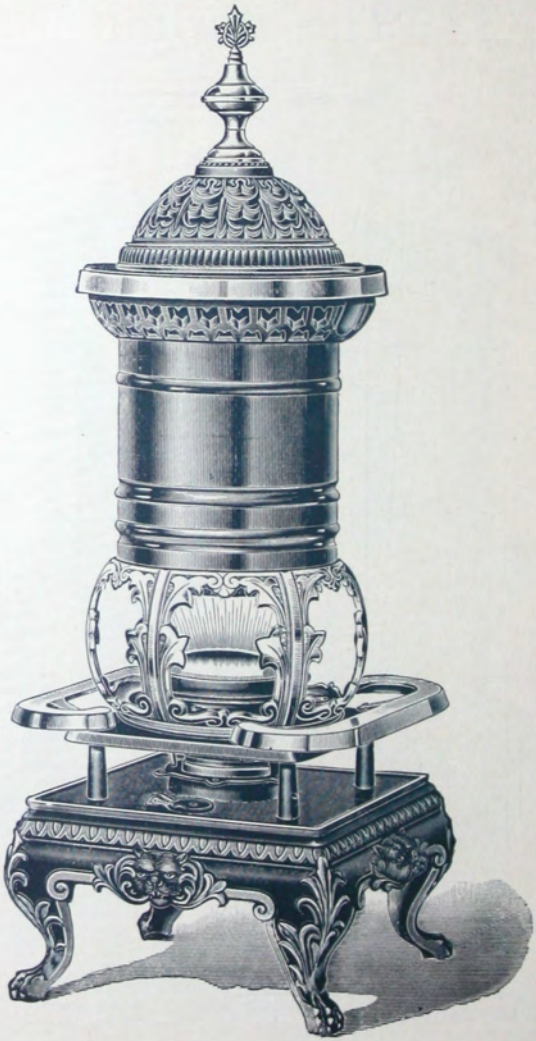
ONE SIZE.

A Low Priced Stove, available for simple cooking purposes. Keeps fire continuously and ventilates the room. The entire front can be opened, transforming it into a cheerful open grate.

The design of this stove is an adaptation from an old colonial pattern.

Height from Floor to top of Balls - -	29 inches.
Extreme Width across Hearth - - -	22 "
Extreme Depth " " - - -	20 "

The Hub Oil Heater.

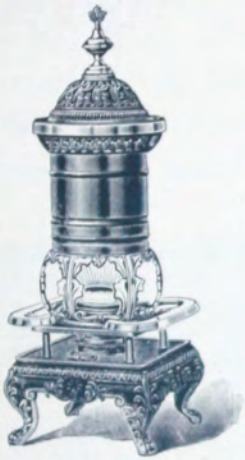


Our New Stove.

See next page for description.

The Hub Oil Heater.

Perfect in Construction and Operation.



Elegant in Design and Arrangement.

Improved! Beautified! Perfected!

Can be operated for one cent an hour. **No smoke, no smell, no coal, no ashes, no dirt, no gas, no smokepipe, no nuisance, no danger.** It is constructed on scientific principles, combining an **Improved Double Radiator,** with a **Central Cold Air Shaft,** opening from the base of the Heater up through the Circular Burner, which draws the cold air from the floor, heats it, and keeps the air in the room in a continuous circulation, thus supplementing the powerful circular wick, and generating a maximum quantity of heat.

The **Reservoir** is made of **Cast Iron, Enamelled inside** and **out,** it holds one gallon, and has no soldered or leaky joints. The oil is always **Cool.** The **Wick Tubes** are brass, and the wick is easily raised or lowered on the principle of the Student Lamp.

The **Dome Top** swings off and underneath is an 8-inch **Griddle Hole** for heating water or other culinary purposes. The **Illumination** is brilliant, **Lighting** as well as **Heating** the room and presenting a **cheerful** and **attractive** appearance. We can furnish an **Extension Three-Hole Top,** also an **Oven,** with which baking, boiling and other cooking operations can be accomplished.

Just the thing for **Offices, Sitting Rooms, Parlors, Libraries, Sleeping Rooms, Bath Rooms, Conservatories, etc.** It is also highly recommended to farmers to prevent vegetables from freezing in the cellar. The **Hub Oil Heater** is strongly and substantially made, weighs only forty pounds, and is a **Wonderful Invention** needed in every home.

The Mayflower.

Open Franklin Wood Stove. Made from a set of old Colonial Patterns, Ornamented with Brass Balls and Brass Rosettes.

Has all the attractiveness of the open Fireplace, or the more expensive fancy Coal Grate, with greater heating and ventilating capacity than either.

For Heating Parlors, Chambers, Summer Residences, Halls, Libraries, etc., it is without an equal.

Can be fitted for burning Coal, if desired. Made in two sizes.

For burning Coal in No. 3 size, there is a Coal Grate which drops into slots on the side of the stove.

For burning Coal in the No. 4 size, use the Mycenae Basket Grate on the Andirons. See page 65.

The Mayflower can be sent with or without Andirons.

MEASUREMENTS.

	NO. 3.	NO. 4.
Extreme Length Across Hearth	34 in.	45 in.
" Depth Across Hearth	22½ "	30 "
Height to top of Balls	30 "	38 "

No. 4 Canopy Fireplace.

Width, 18 in. ; Fire Opening, 14 in. wide ; 12½ in. deep. Size of Chimney, Opening, 28¼ in. from floor ; 10½ in. wide, 4½ in. deep.

To be set in brick, with as broad Tile Facing and Hearth as required. It can easily be fitted into an ordinary fireplace without the necessity of tearing out the old work.

The front of the grate is circular in form and projects into the room, with a Canopy over the fire to carry away the smoke and gas.

By this arrangement the heat from the fire is radiated in all directions, and its volume greatly increased.

No. 1 Canopy Square.

Height, 40 in. ; Width, 27 in. ; Fire Opening, 14 in. Wide.

(**The above Cut Represents the Stove Closed.**)

A Portable Open Stove or Grate, with Tile Hearth or Facing and Tiles covering the entire top and sides. The Blower is divided in the middle, and the two halves slide to the right and the left, and when open expose the entire fire. There is a chamber around the fire for the circulation of fresh air, thus making the most perfect ventilation.

No. 2, Canopy Franklin.

40 in. High, 27½ in. Wide, 14 in. Fire Opening.

Portable, with Tile Facing and Hearth. The top and sides have the shape of the old Franklin Stove, the top being ornamented with Brass Balls. This grate is simple and decorative, and will keep an open fire more than thirty hours without attention.

For No. 4 Size See Page 57.

No. 3 Canopy Mantel.

34½ in. High, 26 in. Wide, 14 in. Fire Opening.

Has Tile Hearth and Facing, and is intended to set in brick, flush with the mantel facing, same as our Rideau Stove. The hearth may be even with the floor, or raised slightly above it.

The Rideau Stove.

An Artistic Open grate.

Adapted to any chimney, and for use with or without Mantel. It has the advantage of being extremely compact, taking up even less room than the ordinary fireplace, and is made in two styles, "A" and "B," the only difference being in the ornamentation. In both patterns the Blower and Frame are decorated with rich art-castings of Renaissance design, being admirable examples of that period.

The Rideau Stove or Grate is of French origin, and is largely used in Parisian houses, where economy of space and fuel is an important desideratum.

The American designer has improved on the foreign article, producing an open stove that is not only ornamental in design, but a powerful heater.

It burns either hard or soft coal, or wood, and by the arrangement of the Blower, can be used either with an open or closed front. The construction or setting of the fire-pot or basket is similar to other grates.

A Patent Damper retains the heat in the grate, and is so adjusted that it can be completely opened or shut, or held at any desired point. The iron blower is balanced by weights similar to window sash, and will remain at any position desired. These weights are suspended in iron tubes to prevent interference of brick or mortar. See illustrations on following pages.

The Rideau Grate.

STYLE A.

Height of grate, 38 in.; Width, 24 in.; Depth, 11 in.

The Rideau Grate.

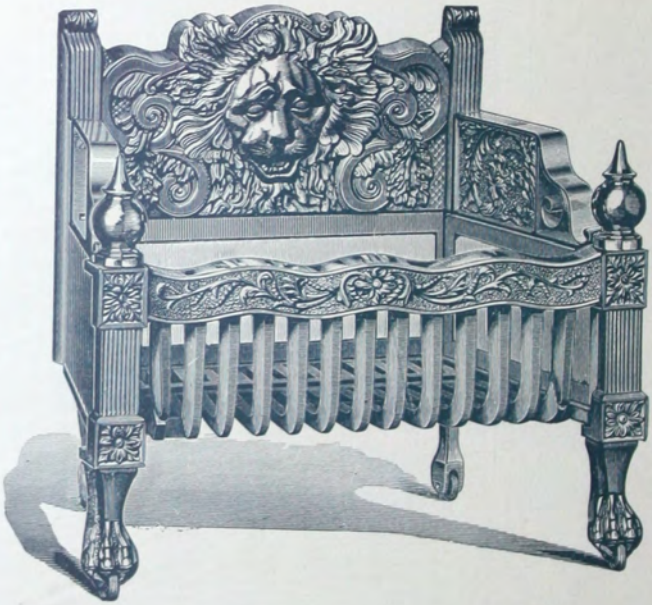
STYLE B.

The Grate is made in two styles, "A" and "B," the only difference being in the ornamentation.

The Lion Chair Grate.

An Artistic Open Grate,

For Burning Hard or Soft Coal or Wood.



It is mounted on castors and can be wheeled into the Fire-Place, and used for any kind of fuel. It has a Brick-Lined Fire Pot, and Dumping Grate, making it especially desirable for burning Coal in Wood Fire-Places. We do away with horizontal grate bars which are so difficult to keep clear of ashes.

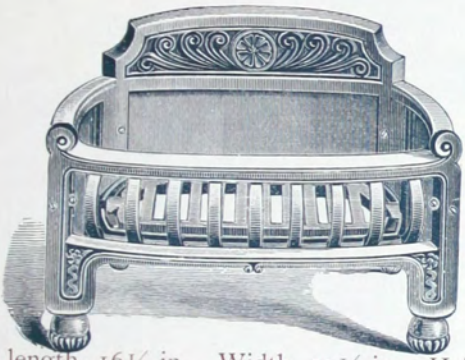
Being portable, it can be used in any room, while its compact Fire-Pot contains all the fire, and prevents the Fire Jambs being discolored.

One Size Only.

OUTSIDE DIMENSIONS—Width in front, 23 in. Width in rear, 19 in. Depth, 14 in. Fire surface measures about 3 in. less each way.

The Roman Chair Grate.

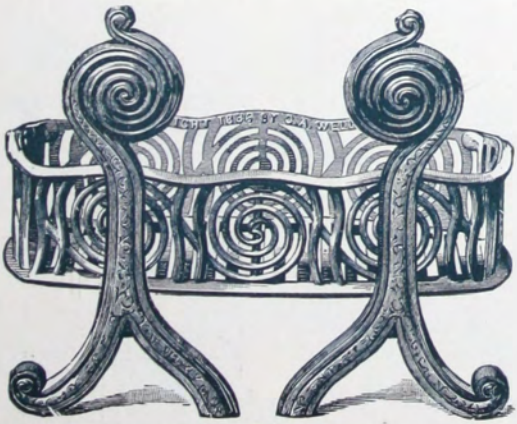
Has Brick Lining and Dump Grate.



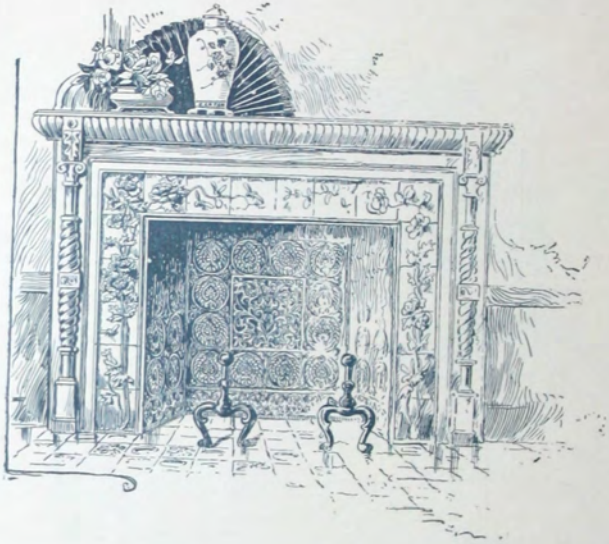
Outside length, 16½ in. Width, 11½ in. Height, 12 in. For burning hard or soft coal in Open Fireplaces.

Mycenae Chair Grate.

With Andirons.



INSIDE DIMENSIONS.— 20 in. long, 10 in. wide. Can be used with any Andirons.



Fire-Place Grates, Iron Linings, Andirons, etc.,

Are Specialties with us, and we have an entire department devoted to their manufacture and sale.

Send for catalogue of them, entitled:

"SOME ARTISTIC FIREPLACES."

SPECIMEN DESIGNS

...OF...

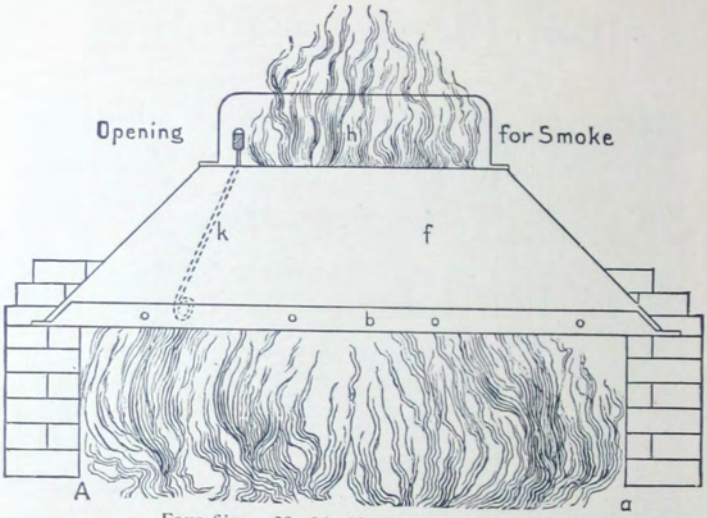
Iron Fireplace Linings.

SUN GOD.—Modelled by Elihu Vedder.

A set of these linings consists of two jambs and a back, and are manufactured by us in a great variety of designs.

The Wellington

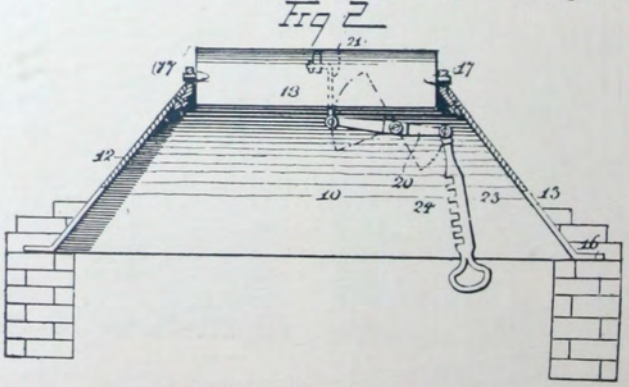
Patent Chimney Throat and Damper.



Four Sizes: 30, 36, 40 and 48 in. Fronts.
Above is 30 in. size.

The Burrows

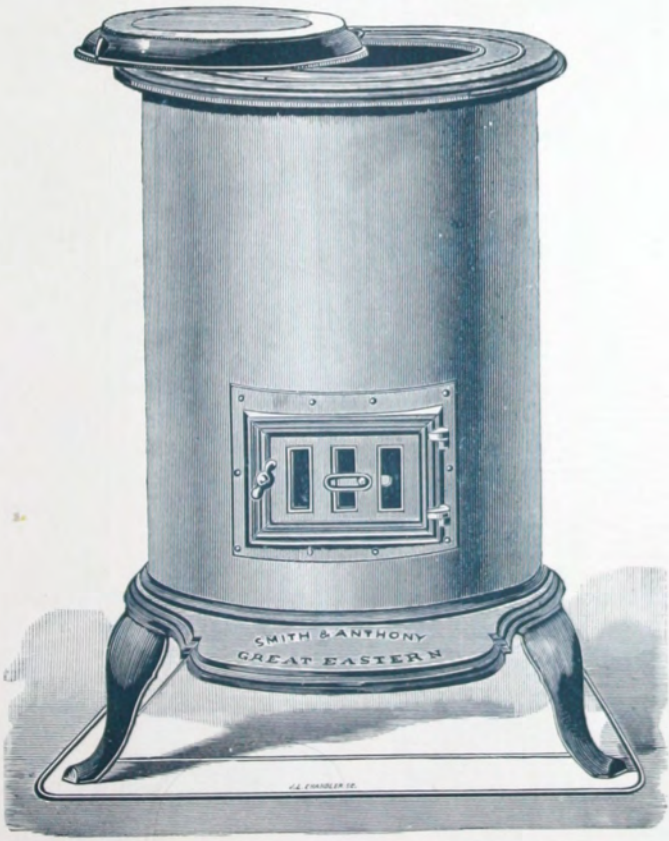
Patent Chimney Throat and Damper.



Three Sizes: 30, 36 and 42 in.
See special circular.

The Great Eastern.

Heavy Cylinder Stove.

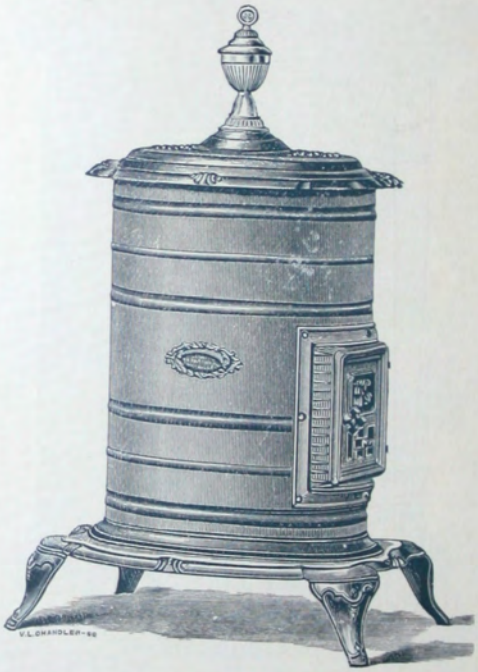


For burning Wood, Coal, Leather, Chips, Sawdust, etc.

Made in Two Styles: No. 24 for Wood, etc. No. 24 for Coal has an inside diameter of 24 inches.

The Great Eastern is especially designed for burning the waste accumulations in Factories, Shops, etc., and utilizing a kind of fuel no other stove could burn. It is used largely in Shoe Factories for burning the leather chips usually considered worthless as fuel.

Boston & Maine Air Tight.



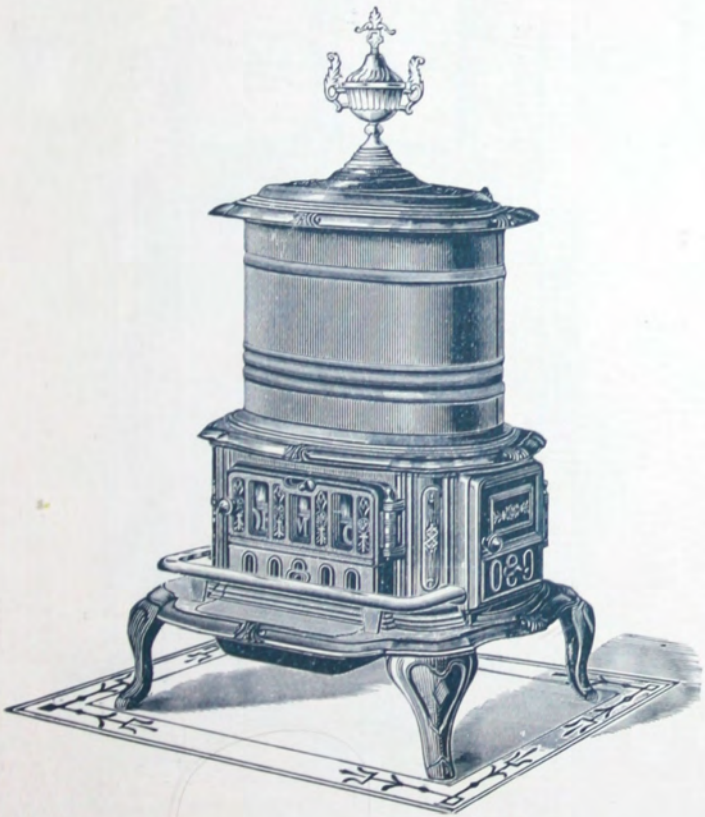
Made in Four Sizes: Nos. 00, 0, 1 and 2. Tea kettle back if desired.

Top Ovens, Front Ovens, and Covers and Centres for one or two holes on top, can be furnished when desired.

These Air Tights are known wherever wood is burned. They are universal favorites, and considered to be the most desirable Wood Heaters made. The design on these stoves is secured to us by Letters Patent, and no imitations will be allowed.

The Hub Cottage.

With Nickel Urn and Nickel Rail.



This is more substantial than the plain Air Tight, half of the body being of cast iron.

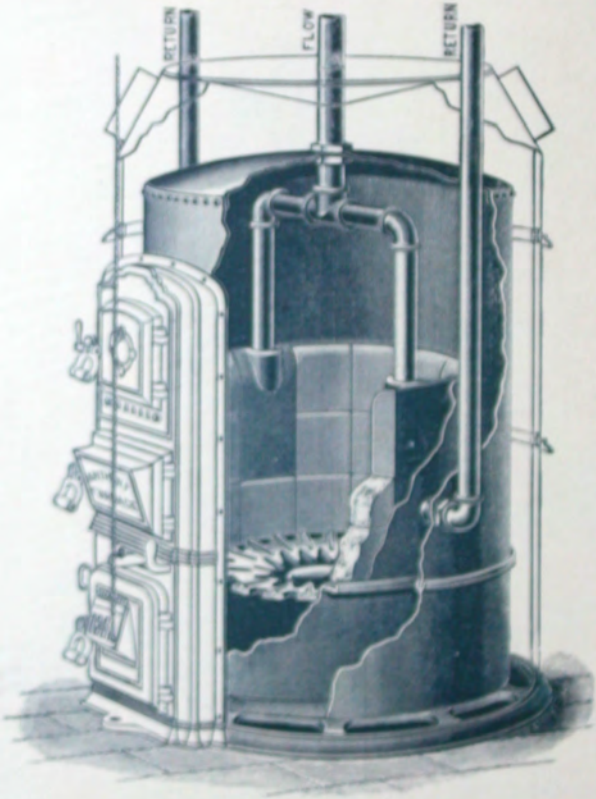
Made in Three Sizes: Nos. 0, 1 and 2.

Covers and Centres for making one or two holes on top can be furnished when desired, also Top and Front Ovens.

The

Anthony Steel Plate Furnace.

With Hot Water Attachment.



For heating rooms which cannot be reached by hot air pipes.

The apparatus is very simple, consisting of hollow iron sections, the water taking the space occupied by the corresponding sections of the fire brick.

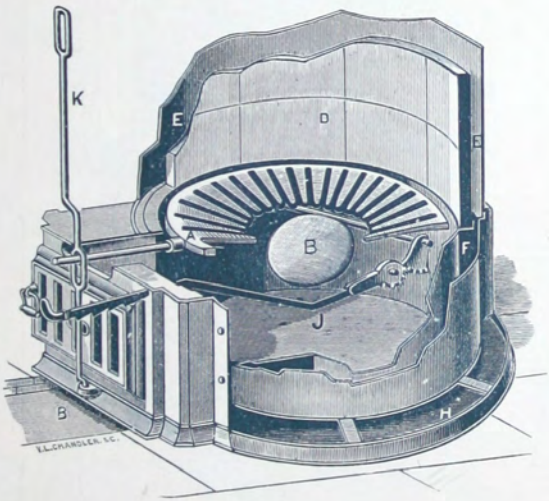
From one to three of these iron sections can be used as desired. Send for special circular.

SECTIONAL CUT OF THE BASE

—— OF THE ——

Anthony Steel Plate Furnace.

Showing Construction of Dual Grate, Cold Air Pit, Etc.



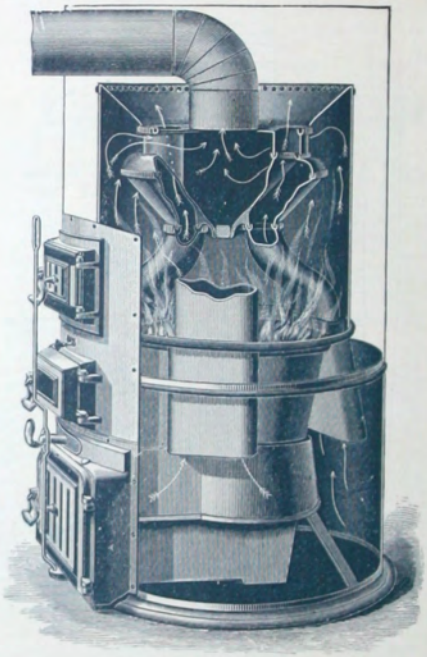
The Anthony Steel Plate Furnace is made in five sizes, as follows :

No. 37.	Diameter of Grate,	19	in.		Diameter of Casing,	37	in.		
" 41.	"	"	"	21	"	"	"	"	41	"
" 45.	"	"	"	24	"	"	"	"	45	"
" 49.	"	"	"	27½		"	"	"	49	"
" 54.	"	"	"	31	"	"	"	"	54	"

We can send the larger sizes with Cut Radiator, if the cellar door should be too small for the whole radiator to pass through.

All our radiators are made of heavy Boiler plate.

The Hub Double Dome Furnace.



Made in Five Sizes: Nos. 21, 24, 26, 28 and 34.

The Radiator is of Steel with three inside circulating flues, through which a steady current of air is drawn, issuing from the top of the radiator. This supply of heat is in addition to the usual radiation, and makes this furnace the most powerful heater made.

It is especially adapted to heating distant rooms.

We can furnish Hot Water Heating Attachment with this furnace, and Cold Air Box Frames.

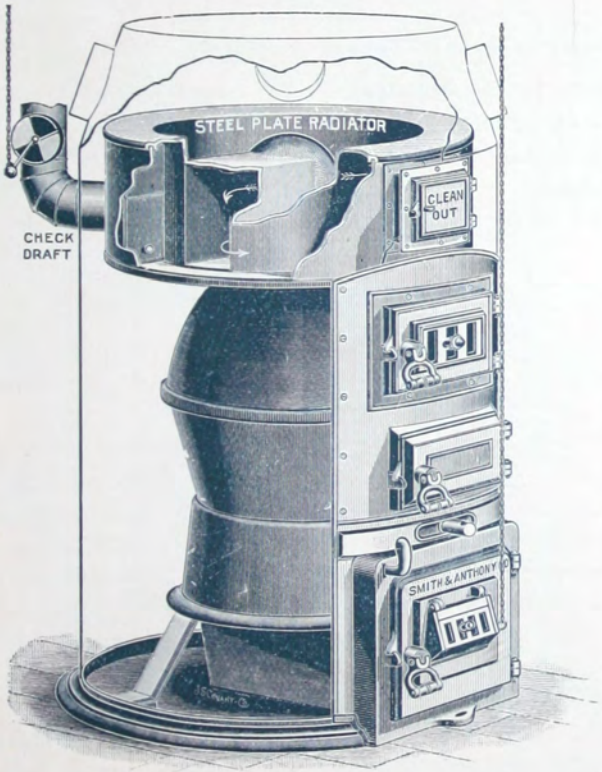
DIMENSIONS:

	Diam. of Steel Radiator.	Diam. of Casing.	Diam. of Fire-Pot.	Height to Top of Radiator.
No. 21.	28¼ in.	36 in.	21½ in.	4 ft., 11½ in.
" 24.	32¼ "	42 "	24 "	5 " 2 "
" 26.	38½ "	49 "	26 "	5 " 4 "
" 28.	42 "	54 "	28 "	5 " 7½ "
" 34.	48 "	60 "	34 "	6 "

Send for Special Circular.

New Hub Steel Plate Furnace.

Our New Low-Priced Heater.



With Return Flue Steel Radiator, Extra Large and Deep Ash Pit, Sifting Grate, if Desired, and Cold Air Box Frames.

DIMENSIONS:

	Diam. of Firepot.	Diam. of Radiator.	Height to Top of Radiator.	Diam. of Casing.	Av. Room Capacity.
No. 18,	18 in.	28½ in.	53 in.	33 in.	3 to 6
" 21,	21 "	32½ "	57 "	36 "	4 to 7
" 24,	24 "	38½ "	58 "	42 "	6 to 8
" 26,	26 "	44 "	61 "	48 "	7 to 12
" 28,	28 "	48 "	61 "	53 "	9 to 15

The Hub Heater.

Our New Boiler Plate Furnace With Brick-Lined Fire-Pot.

The following are among the Special Features of this Furnace:

Boiler Plate Radiator,
Steel Plate Flues,
Brick-Lined Fire-Pot,
Triangular or Dual Grate,
Sifting Grate,
Double Casing Rings,
Dust Damper and Check Draft,
Three Clean Out Doors,
Deep Ash Pit,
Heated Base Section,
and Cold Air Box Frames.

The *original* furnaces of this class were the Blanchard and Wakefield Furnaces, formerly made by us, many of which are still in use.

These furnaces were remarkable heaters and at the request of many of our customers for a similar construction, we have produced our HUB HEATER FURNACE, which combines the superior heating qualities of its prototypes with many added improvements. As our latest furnace, we have embodied in its construction all the desirable features known to the trade.

Unlike other furnaces of this style, the return base flue has an air space between it and the base proper, allowing the air to circulate on all sides of the base flue. This supplementary circulation increases the heating power of the furnace very largely and was the feature which made the Blanchard Furnace so popular as a heater. See following pages.

Durability and freedom from gas are secured by using heavy Boiler Plate Radiators and Flues.

The Brick-Lined Fire-Pot,

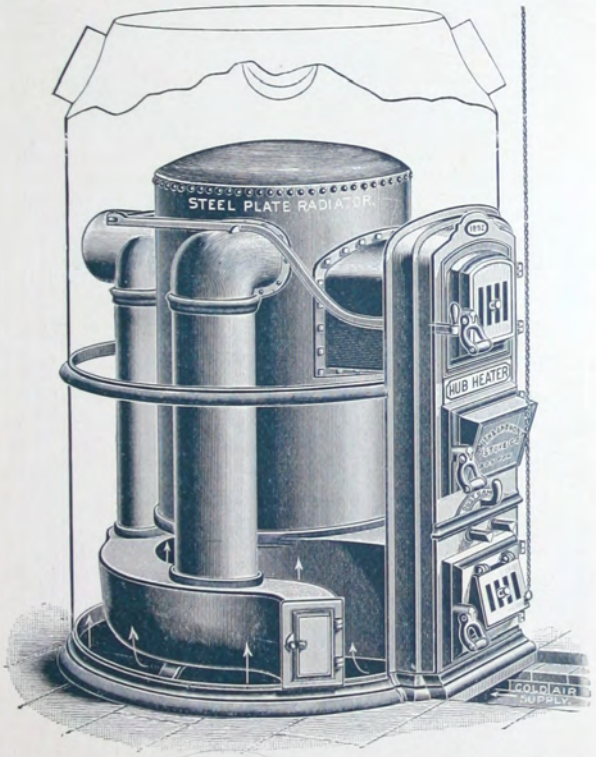
with Fire Brick next to the radiator gives an unusually large fire surface, free from clinkers, and capable of keeping a continuous fire throughout the entire season.

Send for special circular.

The Hub Heater Furnace.

Boiler Plate Furnace, with Brick-Lined Fire-Pot.

Highest Award at World's Fair, Chicago.



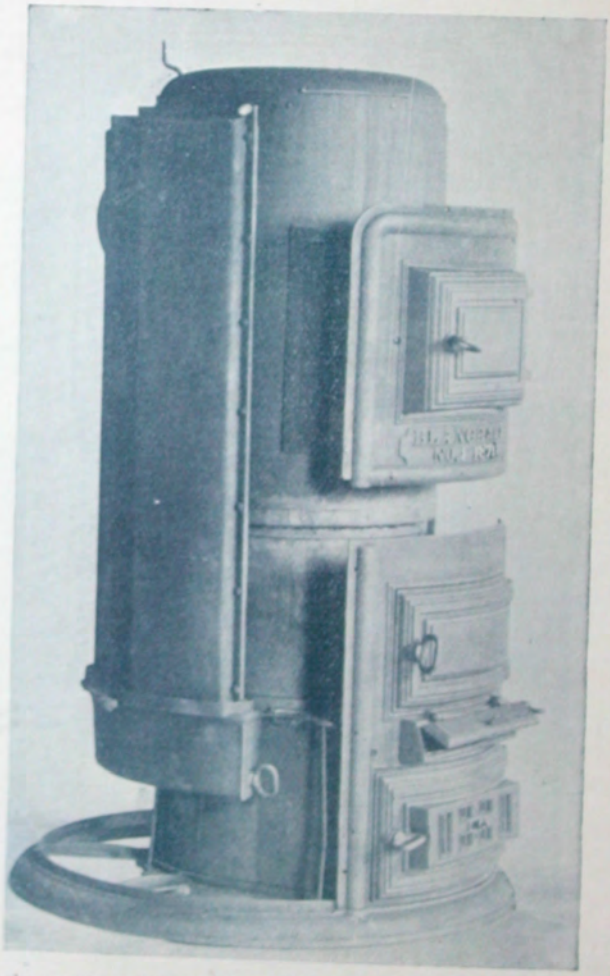
The Fire Brick are lined directly against the Radiator, giving unusual Fire Pot capacity.

DIMENSIONS:

	Height to Top of Radiator.	Diam. of Casings.	Diam. of Radiator.	Diam. of Fire Surface.	Av. Room Capacity.
No. 180,		37 in.		18 in.	4 to 5
" 200,	58½ in.	41 "	24 in.	20 "	5 to 7
" 220,	61¼ "	45 "	26 "	22 "	6 to 9
" 240,	63¼ "	49 "	28 "	24 "	7 to 10
" 280,	66 "	54 "	32 "	28 "	10 to 14
" 320,	68 "	60 "	36 "	32 "	12 to 16

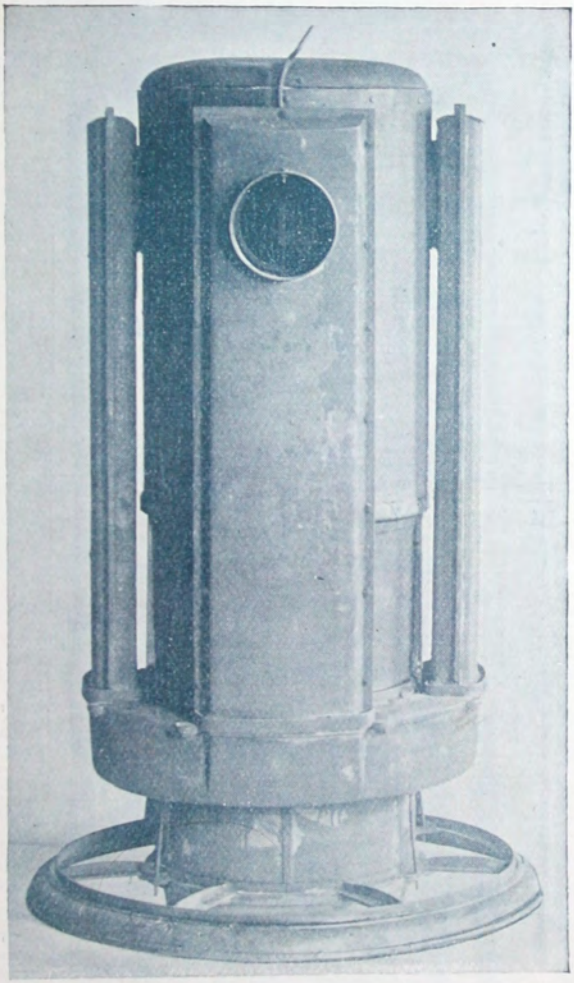
Can Be Furnished in Portable or Brick Set Form.

The Original Three-Flue Furnace.



The above cut is made direct from a photograph of the Blanchard Furnace made in 1871 by our predecessors, the Boston & Maine Foundry Co., Wakefield, Mass. It shows the casing removed and reveals a form of construction so nearly like the modern furnaces of this type, that it seems to have suggested them. This point is still further emphasized by the cut on the opposite page.

The Parent of Them All.



Rear View of the Blanchard Furnace made at our Foundry in 1871.

This cut shows the side and rear flues with the Horse Shoe Flue in the base.

Our Hub Heater Furnace is modelled somewhat on these lines, the Base Flue being lowered and the Vertical Flues being thrown away from the sides of the Radiator to allow an inside circulation of air between these surfaces.

Two Important Comparisons.

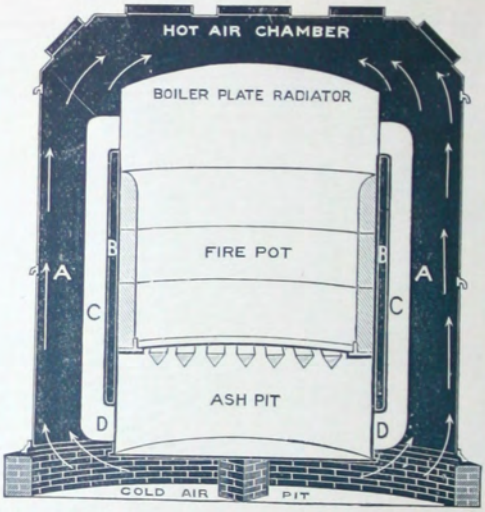


FIG. 1.

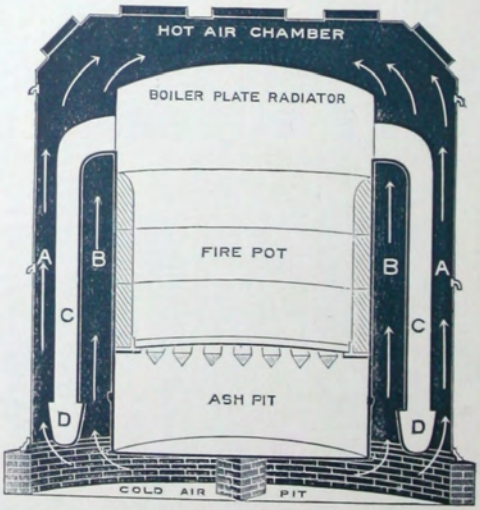


FIG. 2.

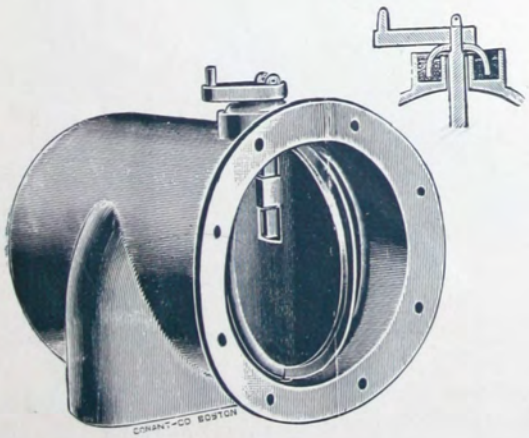
For explanation see next page.

The two cuts on page 80 illustrate the difference between the **Hub Heater Furnace** and the usual pattern of this class of furnaces. Fig. 1 shows the usual form of construction. The spaces *C C* are the vertical flues, down which the draft goes on its way to the horse-shoe flue in the base, returning through a similar flue in the back part of the furnace.

The space *B B*, between the hot flue and the furnace, in Fig. 1, it will be noticed, is very contracted and is not open at the bottom, so there is practically no circulation through it.

The space *A*, in this form of construction, is disproportionately large, and only a portion of the air circulating through it comes in contact with the hot parts of the furnace.

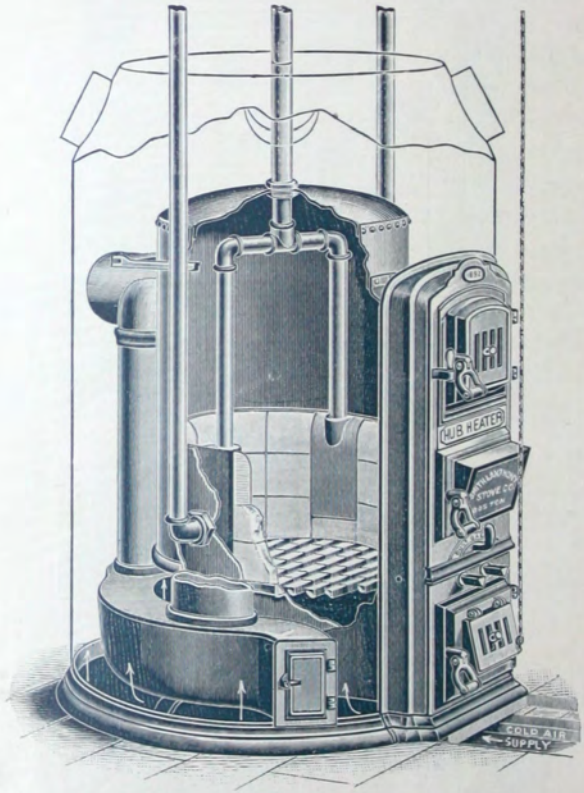
In Fig. 2, the construction of the **Hub Heater Furnace** is shown. Here the flue plates, *C C*, are carried away from the furnace far enough to allow a large part of the circulating air to pass up between them and the main radiator. In the Hub Furnace, it will be noticed that the spaces *B B* are larger than the spaces *A A*, thus allowing the greater portion of the air to be heated, free access to the hottest part of the heater.



Cut of our Gas-Tight Damper Connection on the Hub Heater Furnace.

The Hub Heater Furnace,

With Hot Water Attachment.

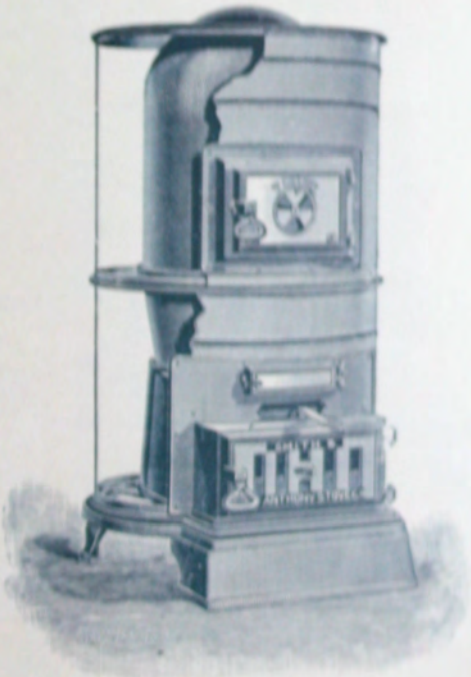


For Heating Rooms Difficult to Reach by Hot Air Pipes.

This attachment is similar to that used on the Anthony Furnace. The Brick-Lined Pot of the Hub Heater permits the use of Water Cheeks or Sections coming in direct contact with the incandescent coals, and maintaining a steady temperature in the water pipes. From one to three sections can be used at a time.

The Victor Furnace.

The Lowest-Priced Furnace in the Market.



MADE IN TWO SIZES.

	Diam. of Top of Pot.	Diam. of Grate.	Height of Castings.	Diam. of Outside Casing.
No. 24.	15 in.	12 in.	3 ft. 6 in.	24 in.
" 28.	17 "	12 "	3 " 9 "	28 "

Specially designed for heating offices, stores and small houses.

Hot Water Heating.

For six years past we have had a large department devoted to Hot Water and Steam Heating, but have never shown these goods in our regular Stove Catalogue.

The use of Hot Water is now so general that dealers everywhere are putting them in, and their appearance in our Stove Catalogue will remind the trade that we have in

The Hub Hot Water Heater

the most desirable apparatus to be found.

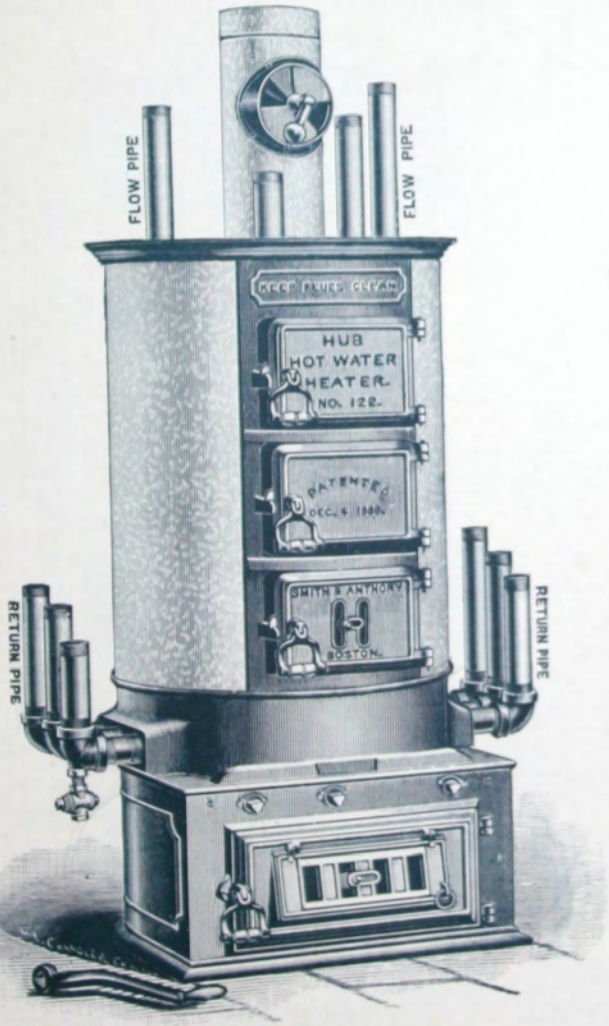
The cut on the opposite page shows the Heater as it appears in the cellar, cased up ready for use.

The other cuts illustrate its construction and principle of operation. For full information about the Heater, send for our book entitled "Hot Water Heating"

SIZES, DIMENSIONS, ETC.

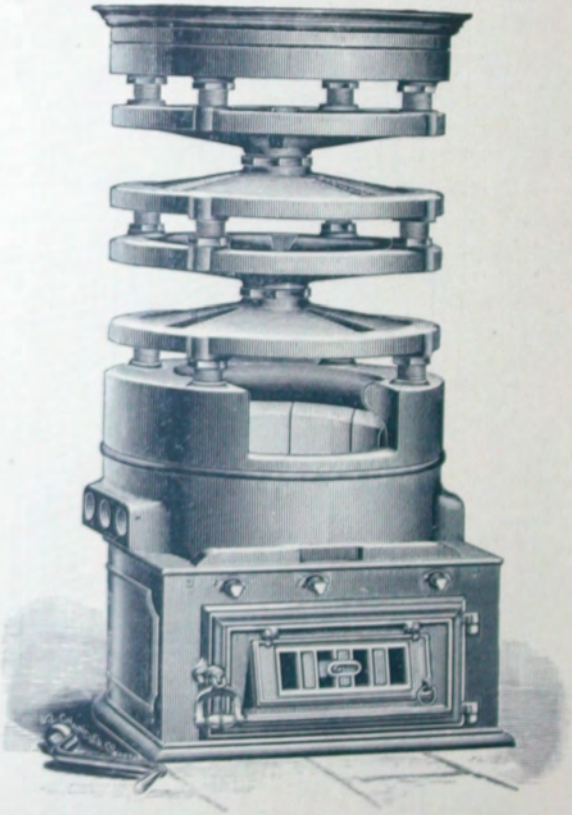
No. of Heater.	Height.	Outside Diam.	Diam. of Fire-Pot.	Sq. ft. of Radiation Heater will carry.	Smoke Pipe.	Price.
116	41 in.	23½ in.	16 in.	250 to 300	6 in.	$ 75
118	49 "	25 "	18 "	300 " 400	6 "	105
120	53 "	27 "	20 "	400 " 500	7 "	155
122	59 "	29 "	22 "	500 " 750	8 "	190
126	65 "	34 "	26 "	750 " 1000	9 "	250
130	69 "	39 "	30 "	1000 " 1500	10 "	325

The Hub Hot Water Heater.



With Casing, Complete for Use.

The Hub Hot Water Heater.

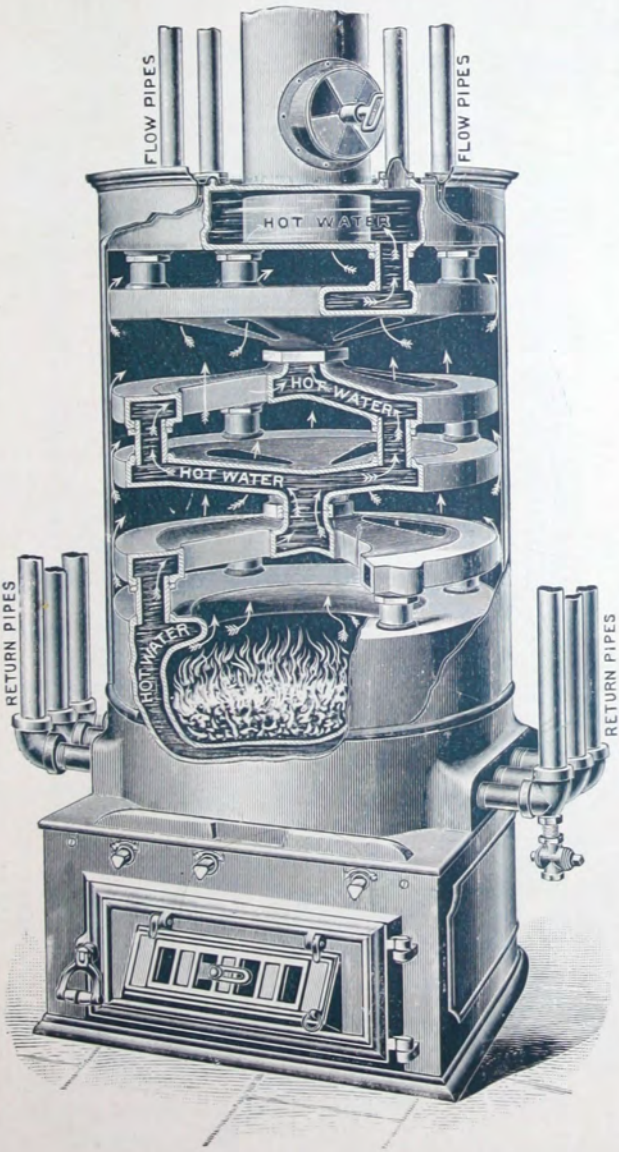


Showing Boiler Sections.

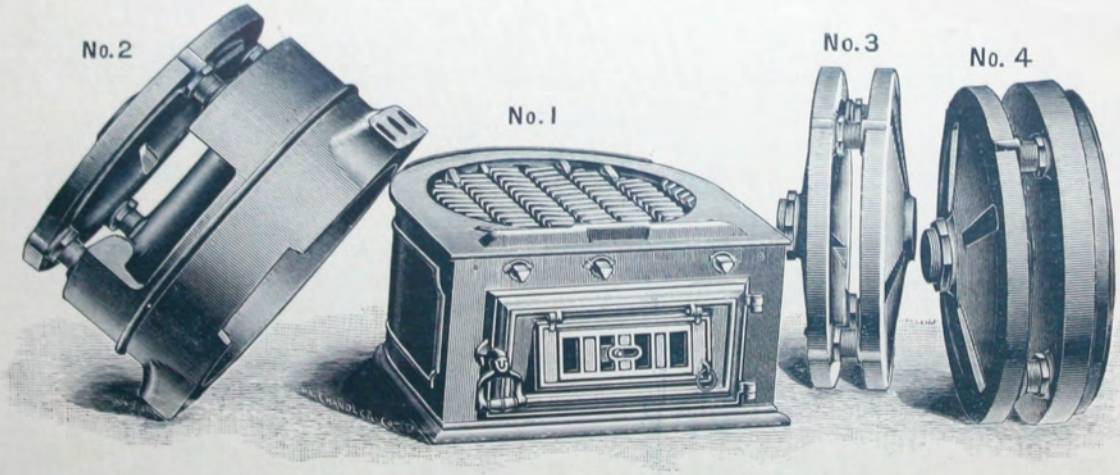
The Hub is the simplest of all Heaters. There are no conflicting currents, no complicated parts, and nothing beyond the skill of any ordinary workman to connect.

Send for Hot Water Catalogue.

Hub Hot Water Heater.



Showing Boiler Sections and Circulation. All the water ways have an upward incline.



Parts of the Hub Hot Water Heater.

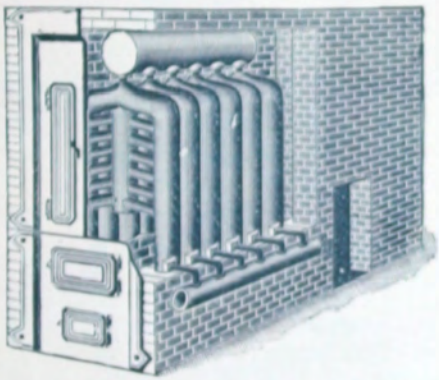
No. 1. Base and Ash Pit Section.
No. 2. Boiler and Fire-Pot Section.
No. 3. Middle Boiler Section.
No. 4. Top Boiler Section.

The Heater is shipped in Four Sections, as shown above, and can be put together in half an hour.

The

Hub Safety Sectional Boiler.

An Improved Apparatus for Heating by Steam, Combining the Best Principles of Construction and Circulation.



Hub Safety Heater Showing Sections in Position and Connections With Steam Drum and Separator.

It is made of a series of vertical water sections, varying in number according to the size desired. The flame and products of combustion pass the whole length of the boiler three times before escaping up the chimney, imparting a high degree of heat to the Tubes, which form the sections of the Boiler.

By having the parts in separate sections, the Heater can be built up to any desired capacity, by simply adding more sections.

Every heater is provided with a Self-Regulating Attachment which automatically controls the draft and holds the steam pressure at the desired point.

There are no packed joints, all the connections being made by screw joints, the tightest joints known.

It is practically self-cleaning through the blow-off opening in the base, which carries off any sediment that may accumulate, thus effectually preventing any foaming.

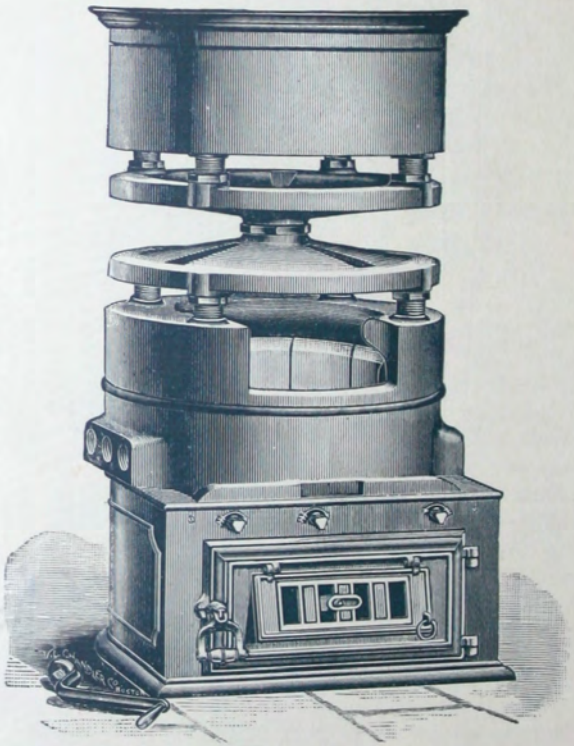
Every section is fully tested by hydraulic pressure before leaving our works.

It is simple in operation, requiring but little management and can be run by the ordinary house servant.

It can be run as a combination of Hot Water and Steam. Ten minutes will change it from one to the other, using hot water in mild weather and steam in colder.

Send for special circular.

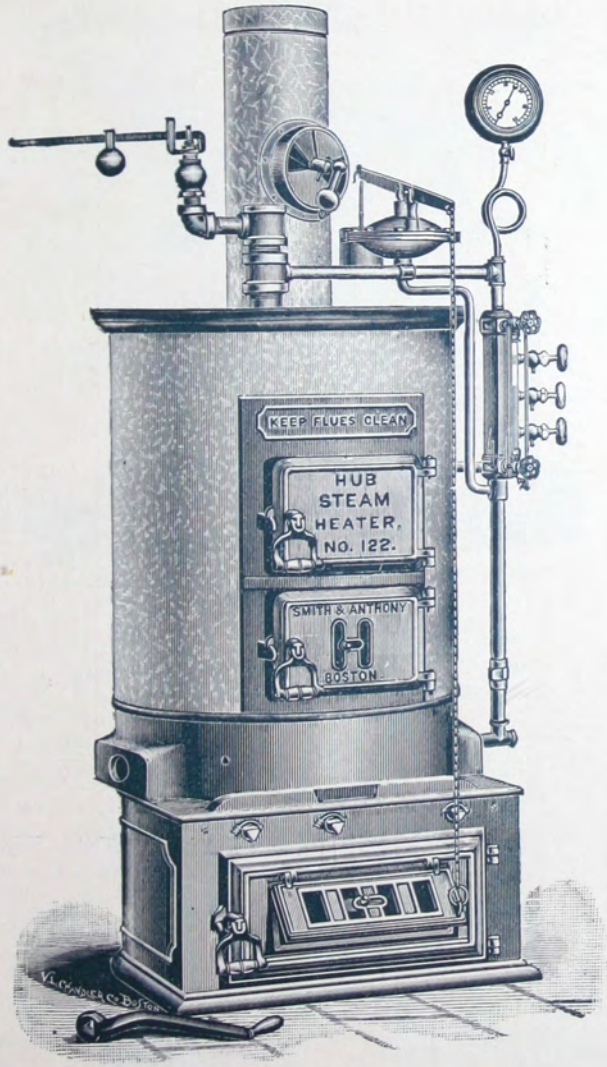
Hub Steam Heater.



Showing Boiler Sections.

The Hub Steam Heater has all the advantages of the Fire-Pot and Boiler Sections used on the Hub Hot Water Heater. For further information send for special circular.

The Hub Steam Heater.

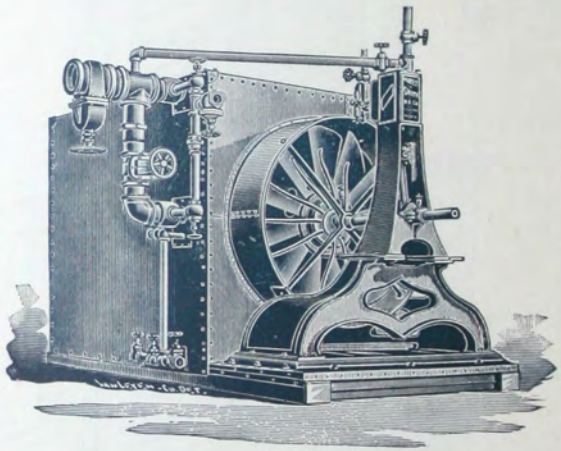


With Casing, complete for use.

THE SMITH & ANTHONY COMPANY'S

Hot Blast Apparatus,

For Heating and Ventilating Buildings of all classes, by a Forced Circulation of Air.

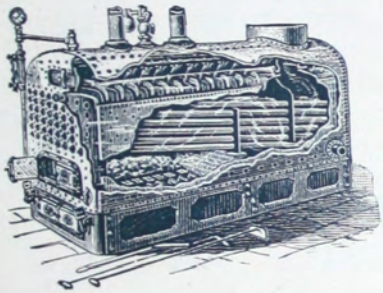


The Hot Blast System of heating and ventilating is used in large buildings, churches and halls, where it is necessary to change the air very rapidly and maintain a uniform temperature. It consists of drawing air from out of doors, over steam coils or specially constructed Hot Air Heaters, so arranged that a large or small amount of air may be used as required by the temperature outside. This air is forced by a blower through the various heating ducts to the rooms desired to be heated, and admitted at or near the top. From the base of the room ventilating ducts of an equal capacity with the heating ducts are placed, through which is forced all the cold and impure air. In this manner the air in a church, for instance, can be changed as often as desired, by changing the velocity of the blower, thereby rendering it pure and exhilarating, which is of untold value both to the speaker and audience. It is the only system that can do this satisfactorily.

We are the New England Agents for the celebrated Huyett & Smith Mfg. Co.'s Fan System, and can furnish full information regarding the cost of any sized plant.

The Youths' Companion building, Columbus avenue, Boston; the International Trust Co.'s building, Boston; the High school, Arlington, Mass.; and the First Congregational church, Nashua, N. H., are typical examples of our work in this line.

The Star Water-Tube Boiler.



In Either Horizontal or Upright Form.

It is especially designed for heating large buildings, churches, colleges, apartment-houses, etc.

Is compact, strong and durable.

Is the most rapid steamer and hot water circulator on the market.

Requires no brick setting.

Has a low water line, requiring no excavating.

Its surfaces are practically self-cleaning.

Is easy of access for inspection and repairs.

Built of the best shell and flange steel, and by skilled labor only.

Its heating surfaces are composed entirely of fire-box and water-tube surfaces.

Any tube can be removed without disturbing any other.

It cannot explode.

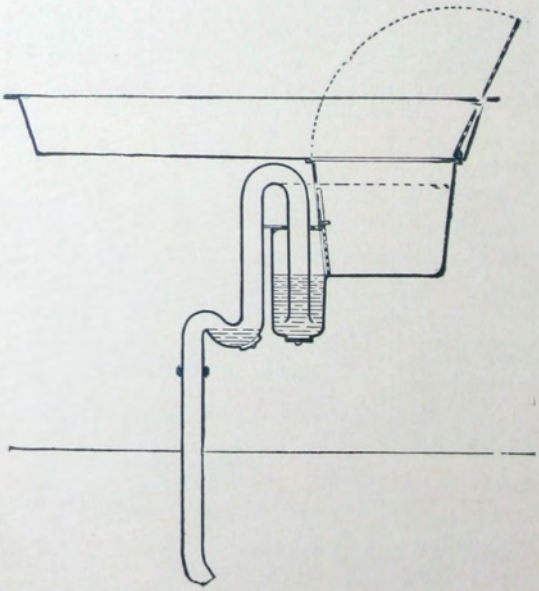
It is equally adapted to steam or hot water.

It is built as cheaply as is consistent with the best material and workmanship.

We are exclusive New England Agents for this Boiler, and shall be pleased to send special circulars and information on it.

The Sanitas Sink and Flush Pot.

A Grease Trap and Flush Pot combined, acting automatically by discharging a large mass of water through the pipes, effectually scouring them and leaving the grease to be easily removed.



Section of the Sanitas Kitchen Sink.

Doughnut Kettles,

Or YANKEE BOWLS.

6-inch	.	$2.75 per doz.
7 "	.	3.40 "
8 "	.	4.50 "
9 "	.	5.50 "

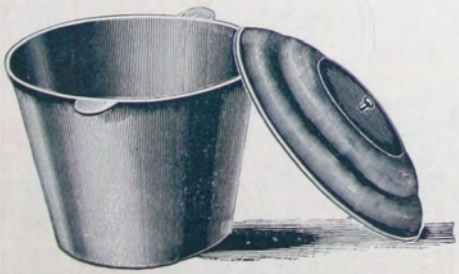
Discount.

Low Pans.

7-inch	.	$3.50 per doz.
8 "	.	4.00 "
9 "	.	6.50 "

Discount.

Bean Dishes.



No. 1,		$3.00 per doz.
" 2,		3.50 "
" 3,		4.00 "
" 4,		4.75 "

Discount.

High Pan.

No. 1, . $2.75 per doz.
" 2, . 3.25 "
" 3, . 4.25 "
Discount.

Scotch Bowls,

No. 1, $2.50 per doz
" 2, 3.00 "
" 3, 3.40 "
Discount.

Cold Handle "Never-Break" Steel Spiders.

Mirror Polished.

No. 7. Diam. across bottom, 8 in. $0.65
" 8. Diam. across bottom, 9 in. .75
" 9. Diam. across bottom, 10 in. .90
" 10. Diam. across bottom, 11 in. 1.10
" 12. Diam. across bottom, 12 in. 1.30

Boiler Doors and Grate.

One size, 15½ x 11½, $2.00.
Including grate.

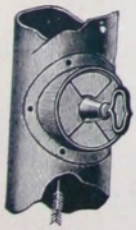
Funnel Irons.

5 inch, . . .	Per dozen,	$2.00
5½ " . . .	"	2.25
6 " . . .	"	2.50

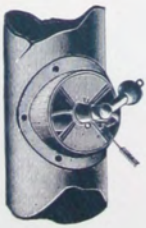
Ash Doors.

SIZE OF OPENING.	PER DOZ.
No. 1, 7 x 9, . . .	$5.00
No. 2, 10 x 12, . . .	7.00

The Smith & Anthony Damper.



4½ inch, . . .	$0.45
5 " . . .	.50
5½ " . . .	.55
6 " . . .	.60
7 " . . .	.70
8 " . . .	.85
9 " . . .	1.00



With Handle.

With Ball for Chain.

Laundry Doors.

Size of Brick Opening, 23⅜ x 38½.

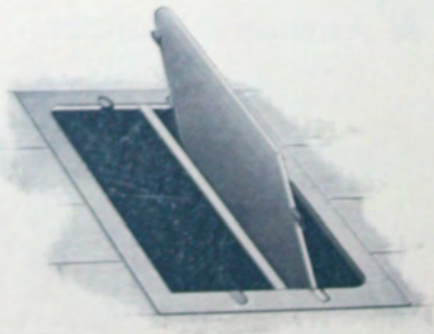
Frame with Hinges and Latch only, $4.50
Frame complete with Heavy Sheet Iron Door, ... 8.00

Discount.

Manhole Doors.

Size of Brick Opening, 21¼ x 24.

Price, Complete with Heavy Cast Iron Door . . . $4.00



Patent Tilting Ash Pit Cover.

Outside Dimensions,
7¼ x 9¼

The Globe Ventilator.

The Best Known, Best Selling and Best Working Ventilator Made.

Prevents downward drafts in Chimneys, and removes the impure air from Churches, Halls, Hospitals, Factories, Yachts and buildings of every description.

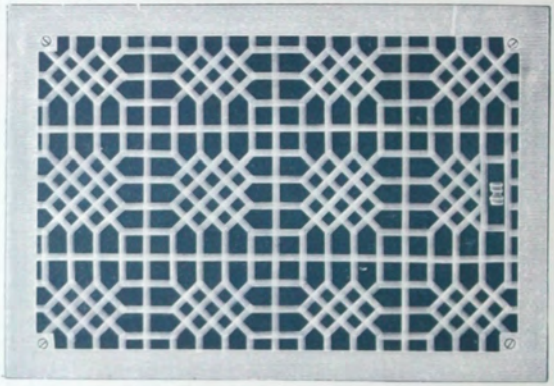
We are the exclusive New England Agents for these Ventilators and can ship any size on receipt of order.

The following table gives the area in inches of each size; and by comparing this with the inside area of the chimney, the proper sized ventilator needed can be ascertained.

2	in. capacity,	4	square in.,	$1.00	9	in. capacity,	61	square in.,	$5.20
2½	"	5	"	1.00	10	"	75	"	5.75
2¾	"	6	"	1.00	12	"	108	"	6.75
3	"	7	"	1.50	14	"	147	"	13.00
3½	"	9	"	1.50	16	"	192	"	20.00
4	"	12	"	1.75	18	"	232	"	27.00
4½	"	16	"	2.00	20	"	300	"	33.00
5	"	19	"	2.50	24	"	432	"	40.00
5½	"	23	"	2.85	30	"	675	"	65.00
6	"	27	"	3.40	36	"	972	"	120.00
7	"	37	"	4.00	40	"	1200	"	180.00
8	"	48	"	4.65	48	"	1728	"	240.00
		60 in.	2,700	square inches,			$360.00		

Above prices are for the Ventilators in galvanized iron.

Registers.

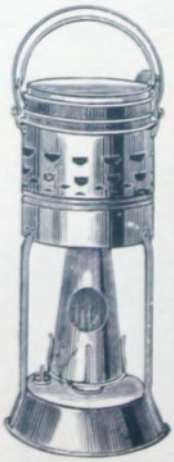


We can furnish the leading Registers at manufacturers' prices, and solicit the trade of our patrons on these goods. Send for list.

Iron, Slate, or Soapstone Borders furnished for any size Register.

Hub Kerosene Glue Heater.

For Kerosene or Gas.

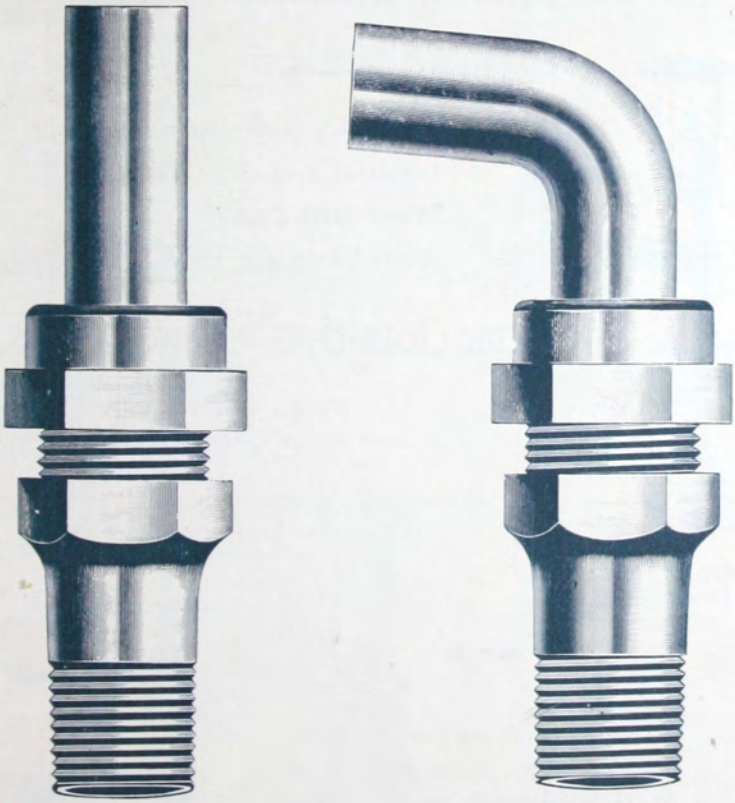


The handiest and cheapest GLUE-HEATER in use. No person using Glue can afford to be without such an article. When water is once boiled, the flame should be turned down to the lowest possible point, after which they require no further attention. They are light and strong, being made entirely of tin and copper.

PRICES.

No. 0 — ½ pint,	Per dozen,	$12.00
No. 1 — 1 pint,	"	15.00
No. 2 — 1 quart,	"	18.00
No. 3 — 2 quarts,	"	21.00

Brass Couplings.



For Connection of Water Fronts.

½ inch, bent and straight, for lead pipe, ...
¾ " " " " . . . . .
¾ " " " tapped for ¾ inch brass pipe. . .
¾ " " " " ⅞ " " . . .

We have a large brass foundry and finishing shop, and make all our couplings. Dealers buying couplings of us are buying of first hands, and are guaranteed superior material and workmanship.

We make a large line of brass goods for Plumbers' use.

Ward & McHugh's Specialties.

McHugh Stirrup Handle Faucet.

COMPRISING

McHugh's Self-Closing Work,
Imperial and Cage Valves,
Ward Ball Cocks,
Acme Basin and Bath Wastes,

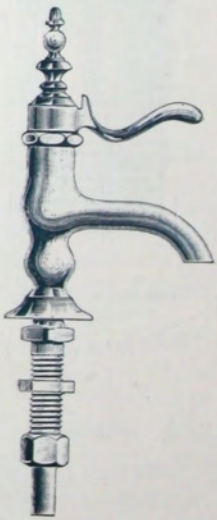
Acme Clean-Outs AND Sewer Valves,

Ward's Closet
.... and Range Couplings, ...

Together with a complete line of high grade PLUMBERS' BRASS GOODS.

Owning the original Patterns, Tools, Machinery, etc., of the late firm of W. H. Ward & Co., we can furnish any of the goods formerly made by them, and guarantee that superior workmanship characteristic of our wares.

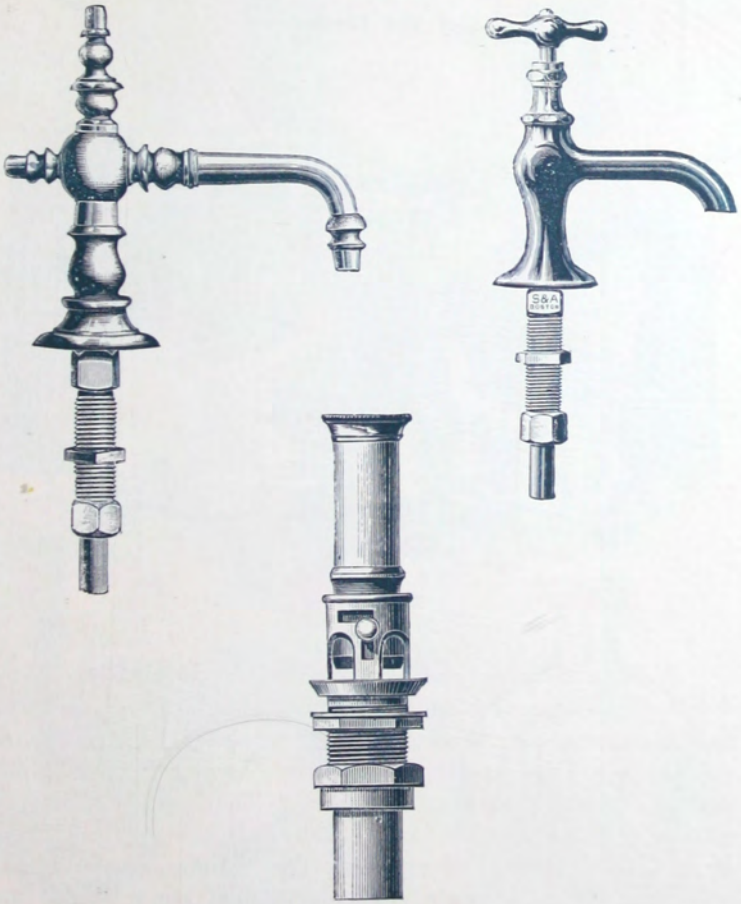
Send for Catalogue of Plumbing Specialties.



McHugh Lever Handle Faucet.

S. & A. EXTRA HEAVY

Swing Nose and Compression Cocks.



The Acme Basin and Bath Wastes.

Send for Catalogue of Plumbing Specialties.

Plumbing Department.

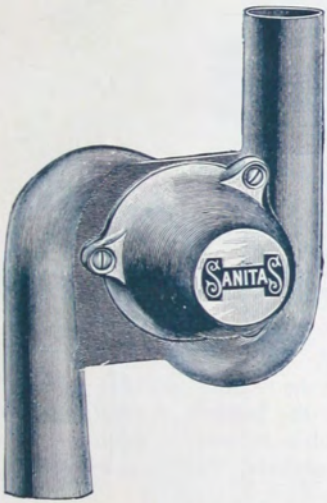
For the Bath Rooms, and the Plumbing Requirements of the House,

We manufacture the well-known **Sanitas Specialties.** They consist of an improved line of Closets, Basins, Traps, Bath Tubs, Sinks, Faucets, and other plumbing requisites, constructed on scientific principles, and at the same time having the equally important feature of extreme simplicity. They are attractive in form and ornamentation, and equally adapted for Dwellings, Hotels, Institutions, Offices, etc. The Sanitas System is not only superior in principle and construction, but it is also the most economical, effecting a large saving in the cost of labor and material.

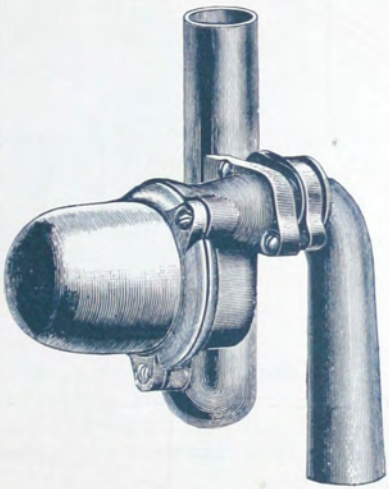
See Special Plumbing Catalogue.

The Sanitas Traps.

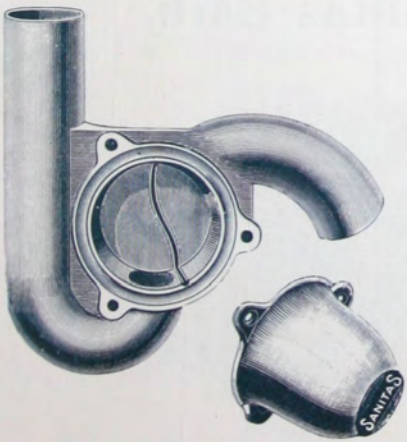
The following cuts show the leading patterns of these well-known Traps.



No. 6.—Sanitas Full S-Trap.



No. 9.—Sanitas Adjustable Trap, Making a Full S-Trap.



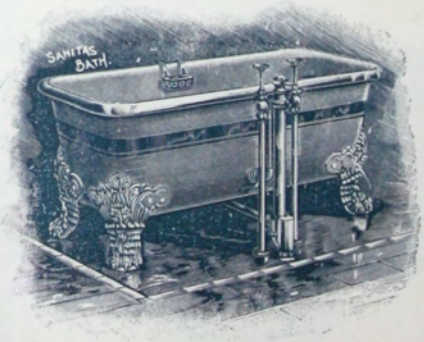
Sanitas Trap Opened, to Show the Different Parts Detached.

No. 11a.—Sanitas Brass Trap.

The Sanitas Lavatory.

The **Sanitas Basin** does away with the troublesome plug and chain by having a recessed outlet, fitted with the **Sanitas Waste and Lift.** The discharges from this fill the pipes full bore, keeping them clean and smooth. The extreme of convenience and cleanliness is reached in the Sanitas Basin.

The Sanitas Bath.



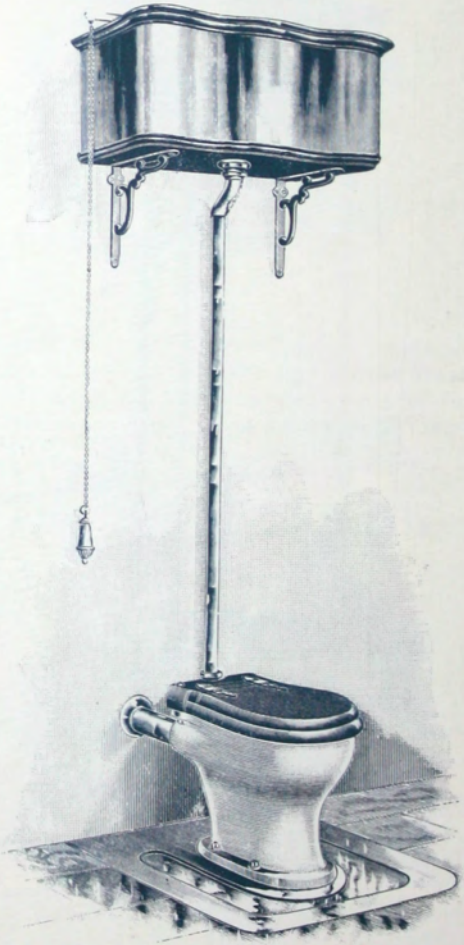
The **Sanitas Baths** have the well-known Sanitas Lift and Waste, and Trap, combined with Special Fixtures made by us exclusively.

The Sanitas Regal Closet.

The above cut shows the Embossed Pattern.

The Sanitas Royal Closet,

With Single Pipe.



Above cut shows the Plain Closet with our Handsome Colonial Tank.

S. & A. Patented Round Lead Trap.

The inside of the Trap presents a smooth and even surface of lead, which, by an ingenious method of manufacture is spun over the inside of the Trap Screw Ring, doing away with the old-fashioned solder joint at this point. This patented and desirable feature is found in no other trap, and the important advantages attained by this method will at once commend themselves to all sanitarians and practical plumbers.

Made in this way, the threads do not come in contact with the water and impurities passing through the trap, a feature of cleanliness, and assurance that the cover can always be removed easily for cleansing. No solder being used, the plumber, in connecting the Trap, can make the wiped joint as close to the top as desired, without danger of starting the joint, as is the case in the old style.

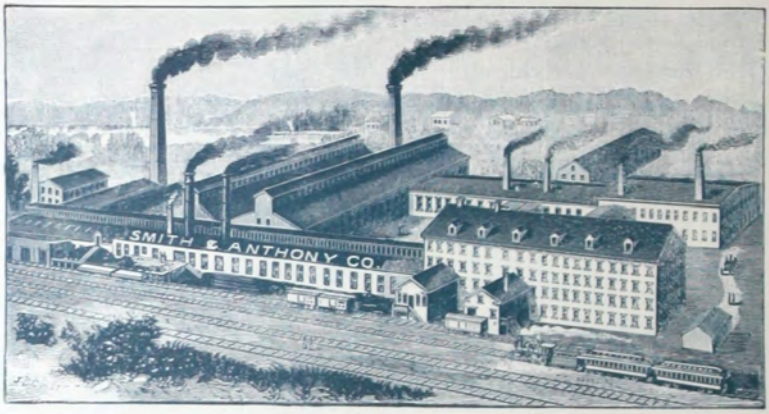
Furnished in five different styles, which are designated by numbers for convenience in ordering. Send for list.

··· INDEX ···

	PAGE.
Ash Pit Cover.	98
Air-Tight Wood Stove.	70
Anthony Steel Plate Furnace.	72, 73
Boiler Doors.	97
Canopy Open Grate.	57–60
Chimney Throats.	68
Cottage Air-Tight.	71
Crown Hub.	45
Couplings.	101
Crystal Hub Parlor.	40
Eldorado Hotel Cook.	30, 31
Farmer's Boiler.	38
Fireplace Linings.	66, 67
Flatiron Heaters.	39
Great Eastern Cylinder.	69
Globe Ventilators.	99
Glue Pot, Morandi's Improved.	100
Gem Hub Range.	22, 23
Hollow Ware.	95, 96
Hot Blast System.	92
Hotel Ranges.	27, 28, 29, 30, 31, 32, 33
Hot Water Heater.	84–88
Hotel and Restaurant Goods.	30–37
Hub Brick Set Range.	29
Hub Double-Dome Furnace.	74
Hub Franklin.	52
Hub Grand Range.	6, 7, 8, 9
Hub Heater, All Cast.	46

Hub Heater Furnace, with Lined Fire-Pot. . . 76–82
Hub Heater, Hall Stove. 47
Hub Heater, Parlor Stove. 42–44
Hub Junior Range. 19, 20
Hub Royal, Base Burner. 50
Hub Safety Steam Boiler. 89
Hub Wood Parlor. 51
Laundry Doors. 98
Laundry Stoves. 39
Lion Chair Grate. 64
Manhole Doors. 98
Mayflower, Franklin. 56
Modern Hub Base Burner. 48, 49
Mycenae Chair Grate. 65
Never Break Ware. 96
New Hub Steel Plate Furnace. 75
New Union Hub Range. 18
Oil Heater. 54, 55
Our Hub Range. 24
Oven (Galv. Pastry). 36
Pearl Hub, Parlor. 41
Prize Hub Range. 21
Puritan, Nursery Stove. 53
Queen Hub Range. 14, 15, 16, 17
Regal Hub Range. 10, 11
Registers. 100
Rideau Grate. 61–63
Roman Chair Grate. 65
Royal Hub Range. 12, 13
Sanitas Plumbing Appliances. 102–109
Sinks, Hub and Sanitas. 94
Splendid Oil Stoves. 25, 26
Steam Heater, "Hub." 90, 91
Steam Heater, "Safety," Sectional. 89
Steam Boiler, "Harrisburg Star," 93
Traps. 105
Victor Furnace. 83
Ward & McHugh Plumbing work. . . . 102, 103

Foundries at Wakefield, Mass.



BOSTON OFFICES AND WAREROOMS:

48, 50, 52 and 54 Union Street.

35, 37, 39 and 41 Friend Street.

PRESS OF
BUTTERFIELD PRINTING AND BINDING CO.,
LOWELL, MASS.